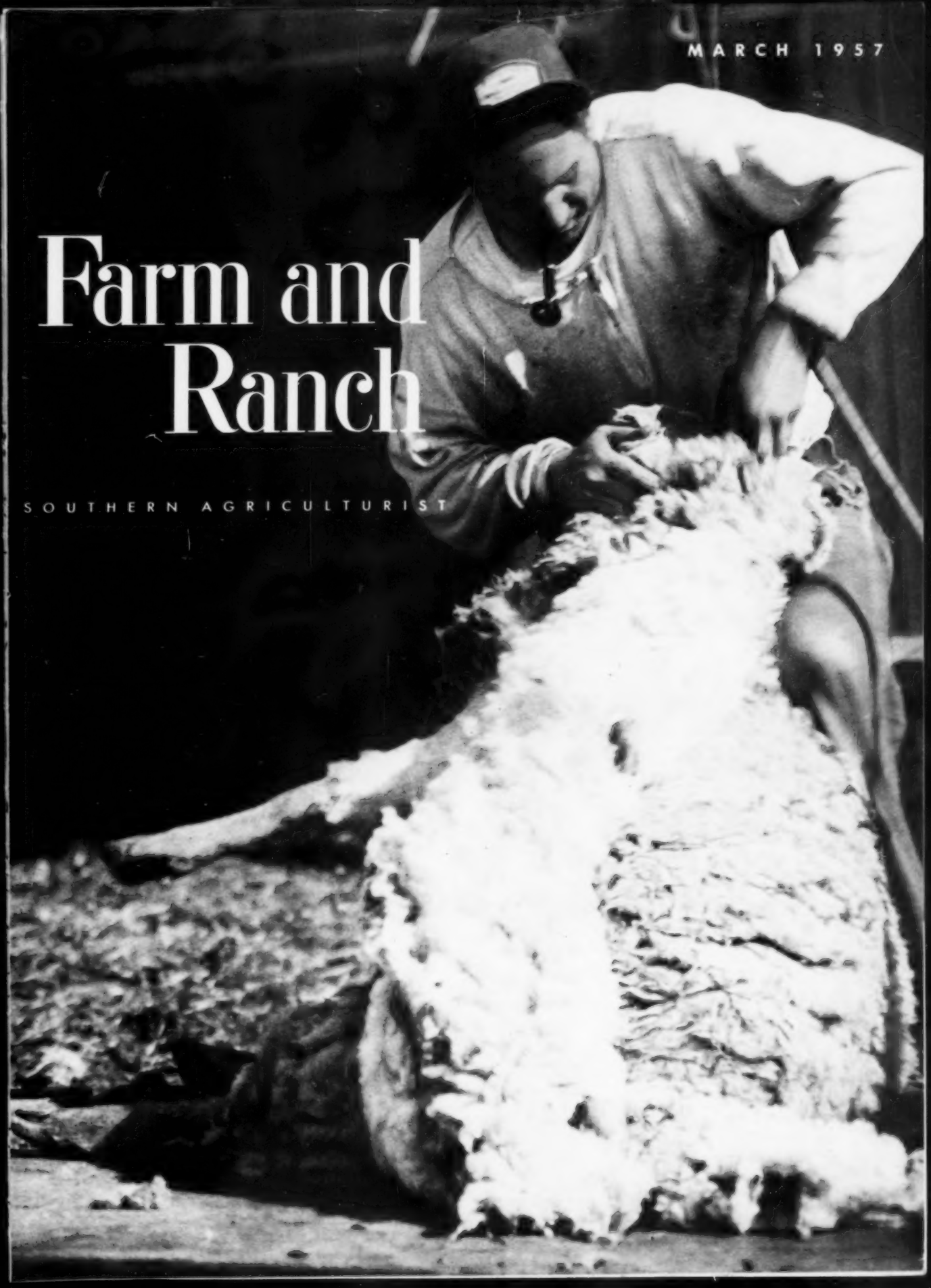
MARCH 1957

Farm and Ranch

SOUTHERN AGRICULTURIST



Never-say-die dependability!
Proved on the Alcan Highway!

You get famous Chevrolet dependability in whatever model you choose. Ask your Chevrolet dealer about the Alcan Champ best suited for your farm hauling job. It's ready right now to save you time and money.

Six new Chevy trucks tamed the rugged Alcan Highway in one round-the-clock sprint (supervised and certified by the AAA). They covered the grueling route in less than 45 hours to prove their durability (normally a 72-hour run)!

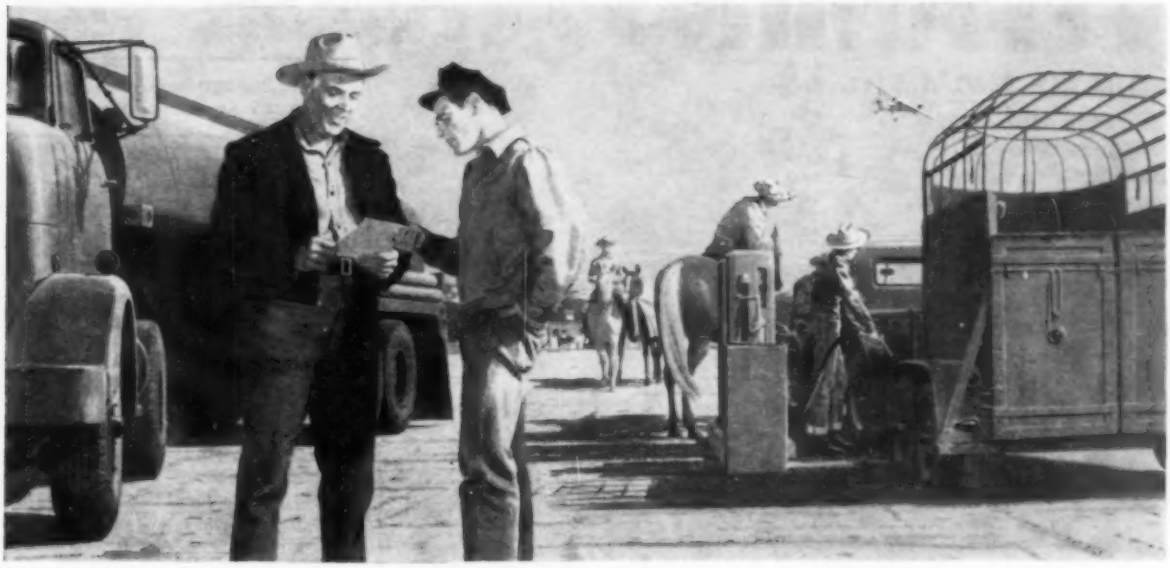
Up towering grades, through washouts, clouds of dust and pounding gravel—these Task-Force huskies tested every component on the Alcan Highway and came through with flying colors! As a special test, two of the engines were not stopped once during the entire trip. Gas mileage ranged up to 18.17 miles per gallon! Put an Alcan-proved Chevrolet truck to work on your farm. No job's too tough for these champs! . . . Chevrolet Division of General Motors, Detroit 2, Michigan.

The "Big Wheel" in trucks

CHEVROLET

New Task-Force 57 Chevrolet Trucks

4 good reasons for putting new Champion Spark Plugs in all your farm engines



1. Greater Economy—You'll be surprised at the gas saving when you replace worn, misfiring plugs with new full-firing Champions. The Powerfire electrode delivers peak performance from every drop of gas for the full life of the plug.

2. Better Engine Protection

Protect oil against dilution—and help prevent costly repair bills—with new Champion Spark Plugs. Misfiring plugs drip raw gas that dilutes protective engine oil.

3. Quicker Starting

New Champions give you quicker starts, help save your battery. Tests show replacing worn plugs with new Champions gives starts averaging 39% faster.

4. More Useful Power

When you need full power, you get it with new Champions. In tests, replacing plugs that had gone about 10,000 miles gave an average of 24% more road horsepower.

You can never afford engine breakdown on a farm or ranch. And spark plug failure can stop *any* engine cold. That's why it's so important to regularly check the spark plugs on *all* your engines. If the electrodes are worn or pitted away, replace the entire set with dependable new Champions.

That way you guard against costly spark plug failure. And you get greater economy, better engine protection, quicker starting, and more useful power—in any engine—when you replace worn, misfiring plugs with new 5-rib Champion Spark Plugs.

Dependable 5-Rib

CHAMPION

SPARK PLUGS

CHAMPION SPARK PLUG CO. • TOLEDO 1, OHIO

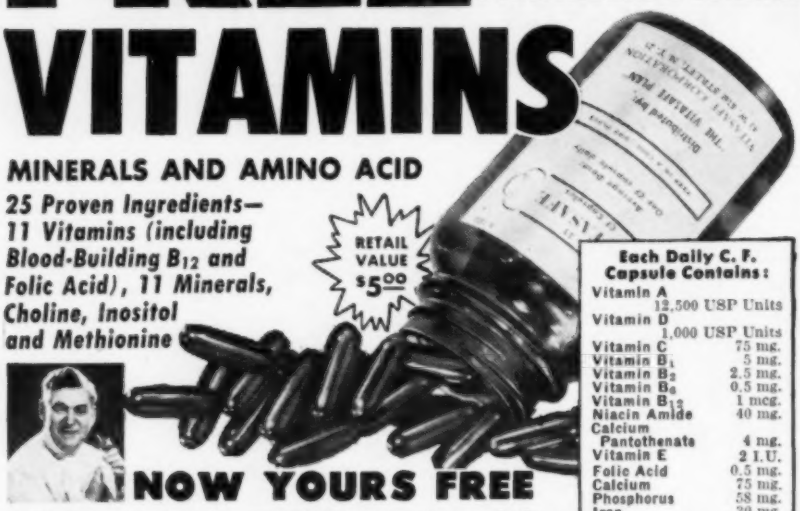
FREE VITAMINS

30 DAYS SUPPLY
Safe High Potency Nutritional Formula

MINERALS AND AMINO ACID

25 Proven Ingredients— 11 Vitamins (including Blood-Building B_{12} and Folic Acid), 11 Minerals, Choline, Inositol and Methionine

RETAIL VALUE $5.00



Each Daily C. F. Capsule Contains:

Vitamin A	12,500 USP Units
Vitamin D	1,000 USP Units
Vitamin C	75 mg.
Vitamin B_1	5 mg.
Vitamin B_2	2.5 mg.
Vitamin B_6	0.5 mg.
Vitamin B_{12}	1 mcg.
Niacin Amide	40 mg.
Calcium Pantothenate	4 mg.
Vitamin E	2 I.U.
Folic Acid	0.5 mg.
Calcium	75 mg.
Phosphorus	58 mg.
Iron	30 mg.
Cobalt	0.04 mg.
Copper	0.45 mg.
Manganese	0.5 mg.
Molybdenum	0.1 mg.
Iodine	0.075 mg.
Potassium	2 mg.
Zinc	0.5 mg.
Magnesium	3 mg.
Choline Bitartrate	31.4 mg.
Inositol	15 mg.
dl-Methionine	10 mg.

Compare this formula with any other!

NOW YOURS FREE

● To prove to you the remarkable advantages of the Vitasafe Plan . . . we will send you, without charge, a 30-day free supply of high-potency VITASAFE C. F. CAPSULES so you can discover for yourself how much healthier, happier and peppier you may feel after a few days' trial! Just one of these capsules each day supplies your body with over *twice* the minimum adult daily requirement of Vitamin B_1 and the *full* concentration recommended by the National Research Council for the other four important vitamins! Each capsule contains the amazing Vitamin B_{12}—one of the most remarkably potent nutrients science has yet discovered—a vitamin that actually helps strengthen your blood and nourish your body organs.

POTENCY AND PURITY GUARANTEED

There is no mystery to vitamin potency. As you probably know, the U.S. Government strictly controls each vitamin manufacturer and requires the exact quantity of each vitamin and mineral to be clearly stated on the label. This means that the purity of each ingredient, and the sanitary conditions of manufacture are carefully controlled for your protection! And it means that when you use VITASAFE C. F. CAPSULES you can be *sure* you're getting exactly what the label states . . . and that you're getting *pure* ingredients whose beneficial effects have been proven time and time again!

WHY WE WANT YOU TO TRY A 30-DAY SUPPLY — FREE!

We offer you this 30-day free trial of valuable VITASAFE C.F. CAPSULES for just one reason. So many persons have already tried them with such astounding results . . . so many people have written in telling us how much better they felt after only a short trial . . . that we are absolutely convinced that you, too, may experience the same feeling of health and well-being after a similar trial. In fact, we're so convinced that we're willing to back up our convictions with our own money. *You* don't spend a penny for the vitamins! All the cost and all the risk are *ours*. A month's supply of similar vitamin capsules would ordinarily cost $5.00 retail.

AMAZING NEW PLAN SLASHES VITAMIN PRICES IN HALF!

With your free vitamins you will also receive complete details of an amazing new plan that provides you regularly with all the Vitamins and minerals you will need. This Plan actually enables you to receive a 30-day supply of vitamins every month, regularly, safely and factory fresh for exactly $2.00—or 60% lower than the usual retail price. BUT YOU DO NOT HAVE TO DECIDE NOW—you are under no obligation to buy anything from us whatsoever. To get your free 30-day supply and learn all about this amazing new Plan, be sure to send us the coupon today—the supply is limited.

VITASAFE CORP., Dept. 103-3
43 West 61st Street, New York 23, N. Y.

Please send me free a 30-day supply of the proven VITASAFE CF (Comprehensive Formula) Capsules, and full information about the VITASAFE plan. I am not under any obligation to buy any additional vitamins, and after trying my free sample supply, I will accept or reject the benefits and substantial savings offered by the VITASAFE Plan. In any case, the trial month's supply of 30 VITASAFE Capsules is mine to use free.

I ENCLOSE 25¢ (coins or stamps) to help pay for packing and postage.

Name .....

Address .....

City ..... Zone ..... State .....

This offer is limited to those who have never before taken advantage of this generous trial. Only one trial supply per family.

Fill Out This No-Risk Coupon Today!

VITASAFE CORP.
43 West 61st Street, New York 23, N. Y.

THE DIXIE EDITION

Covering the South East of the Mississippi Nashville, Tennessee and Atlanta, Georgia

2 Southern Editions

ESTABLISHED 1869

1957 March

Vol. 87—No. 3

Over 1,300,000 subscribers in the 15 Southern States.

Business of Farming

Cottoncast 12
Crops and Soils 16
Washington Wire 18
Solar Heat For Hens 22
Poultry Letter 26
Farming Ahead 28
Livestock Letter 30
Shop-Built Shortcuts 34
Water Rights 38

The Southern Country Home

House Plan No. 100 46
Let's Have Salmon 51
Bake A Bouquet 52
Main Dish Salads 54
Dress Patterns 56
Needlework 60
Playtime 62

Every Month

Letters 6
Country Doctor 45
Country Church 50
Straight Talk 70

Cover Transparency by F. P. G.

THOS. J. ANDERSON
Editor and Publisher

ROBERT NICHOLS, Managing Editor and Editor, Dixie Edition
IRIS DAVENPORT, Woman's Editor
McCULLOUGH PARTEE, Art Director
H. L. GANTZ, Editor, Southwest Edition
TOM MILLIGAN, Associate Editor
LAURAGENE PARKER, Assistant Editor
ANN STEWART, Assistant Editor
R. B. CUMMINGS, Production Editor
L. R. NEEL, Senior Editor
FRANK A. BRIGGS, Senior Editor
PAUL SEABROOK, Director of Editorial Relations

Editorial and Administrative Assistants: Dettie Burnette, Veda Mai Short, Grace Bethune.

Contributing Editors: Price Hobgood, R. M. Metcalfe, Gerald Dearing, Walter Courtenay.

FARM AND RANCH-SOUTHERN AGRICULTURIST is published monthly by Farm and Ranch Publishing Company, Inc. Thos. J. Anderson, president and publisher; Chas. M. Anderson, vice president and general manager; David G. Brown, business manager; R. E. Patterson and R. W. Stanley, circulation directors; P. C. Harper, circulation office manager. **SOUTHEASTERN EDITORIAL OFFICES AND EXECUTIVE OFFICES:** 318 Murfreesboro Road, Nashville, Tennessee. **SOUTHWESTERN EDITORIAL OFFICES:** 833 Exposition Avenue, Dallas, Texas. **ADVERTISING OFFICES:** 318 Murfreesboro Road, Nashville, Tenn.; 833 Exposition Ave., Dallas, Tex.; 551 5th Ave., New York City; 333 North Michigan Ave., Chicago, Ill.; 1447 Peachtree, N.E., Atlanta, Ga. Western representatives, McDonald Thompson: 3727 West 6th St., Los Angeles 5, Calif.; 1008 Western Ave., Seattle, Wash.; 625 Market St., San Francisco, Calif.; Colo. Natl. Bank Bldg., Denver, Colo. Subscription rates in the United States and possessions, single copy, 15 cents; 1 year, 50 cents; 2 years, $1.00; 5 years, $2.00; 8 years, $3.00; 12 years, $4.00. Foreign rate, 1 year, $1.00. March, 1957, volume 87, number 3. Entered as second-class matter at the post office, Nashville, Tennessee. Additional second-class entry at Lawrence, Kansas. **For change of address, six weeks' notice; send a label from a recent issue to Farm and Ranch Publishing Company, 318 Murfreesboro Road, Nashville, Tennessee.**

NOTICE TO POSTMASTER: Send all address labels clipped from undeliverable copies, with form 3579, to Farm and Ranch Publishing Company, 318 Murfreesboro Road, Nashville, Tennessee.

Copyright, 1956 by Farm and Ranch Publishing Company, Inc. All rights reserved.

Right now! Enjoy the

best-tasting cigarette you ever smoked!

MAKE NO MISTAKE. Luckies give you what you want most in a cigarette: the unmistakable taste of truly fine tobacco. A Lucky is made of light, mild, naturally good-tasting tobacco that's TOASTED to taste even better. Have you tried a Lucky lately? You'll say it's the best-tasting cigarette you ever smoked.

Right now!
Light up a Lucky—
it's light-up time!

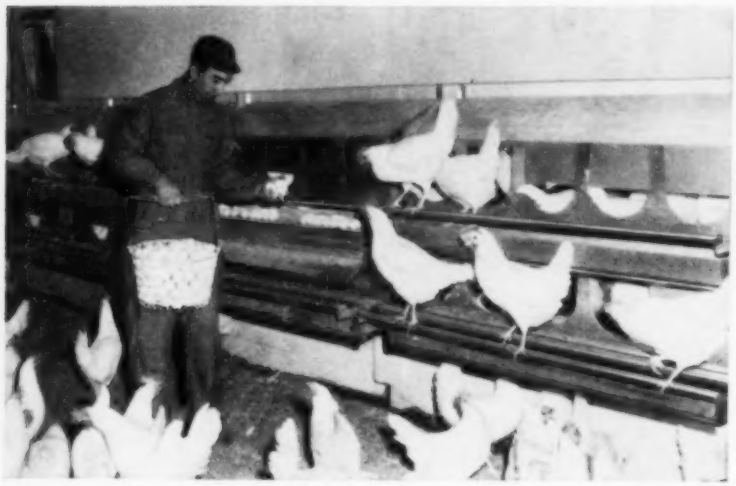
Luckies taste better

"IT'S TOASTED" TO TASTE BETTER...CLEANER, FRESHER, SMOOTHER!

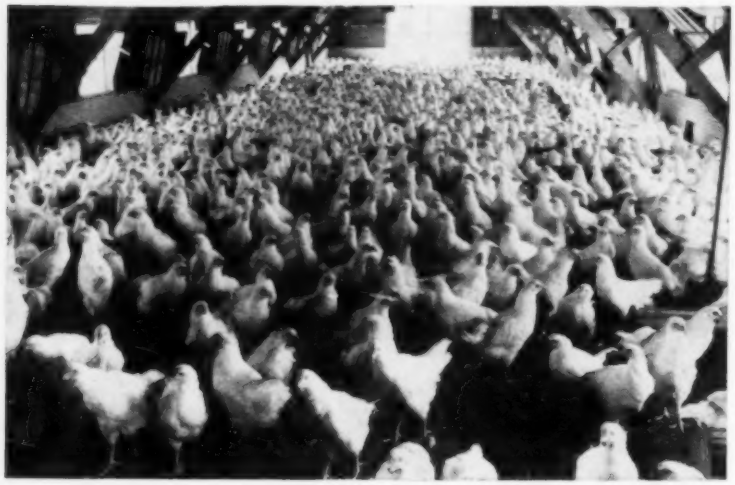
©A. T. Co. PRODUCT OF *The American Tobacco Company* AMERICA'S LEADING MANUFACTURER OF CIGARETTES

Arsanilic Acid

makes the profit difference!



In Egg Production 2 to 10% more eggs, on .3 to 1.6 lbs. less feed per dozen eggs! That's the record of Arsanilic Acid when added to top-notch feeds. At a fraction of the cost, Arsanilic Acid fights sub-clinical diseases much like antibiotics—yet, improves the performance of feeds already fortified with antibiotics. For a profit, after you pay the bill, use egg feeds fortified with Arsanilic Acid!



In Broiler Production *At a fraction of the cost,* Arsanilic Acid fights sub-clinical diseases much like antibiotics—yet it even improves the performance of feeds already fortified with antibiotics. Steps up gains and feed efficiency. Gives birds extra bloom—extra sales appeal. Next time, ask for feeds with low-cost Arsanilic Acid—the feed additive that leaves you money after you pay the bill!

703460

Abbott

Abbott Laboratories, Chemical Sales Division

North Chicago, Illinois

LETTERS

• • • Allow me to congratulate you on your February editorial. We heartily agree with and enjoy all of your editorials.

We always have and always will be against allotments in crop production, the building of power plants by the government, and above all allowing labor bosses to get control of the country.

America grew into the free country she is by the sweat, toil, and ingenuities of free men, allowed to produce what they pleased to the limits of their own capabilities, and this is the only way to keep her free.

It is much later than many think. We are fast going into Socialism.

A. N. Carver *Fayetteville, N. C.*

• • • You say "Equal Shares is Planned Poverty." That is sure a strange statement, for since when was there such a thing?

Here in York County, S. C. we raise cotton mostly for our money crop. On one farm they have over 100 acres, and on another two or three. Is that equal shares?

When the U. S. was formed it was supposed to be on a Christian basis. But the Christian standard of living is freedom, equality, and moderation in all things. Everything is for the big man in both church and state, and even in the farm papers. . . .

D. H. Smyre *Clover, S. C.*

Socialism and Communism are planned poverty because they cut people down to the same level. Freedom and equality don't mean the same thing. Freedom means the right to be better, be unequal, be uncommon. Equality means equality under law, equality of opportunity. People who are free can't be equal, because they were born unequal in brain capacity and in physical ability. Forced equality is slavery, not freedom.—T. A.

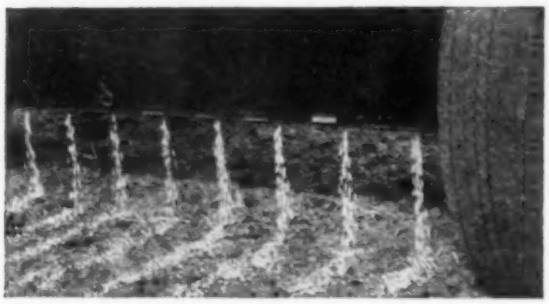
• • • Your article in the January issue is the best I have read about the unions. It is awful what they can do to companies and get by with it. Your paper is the best I ever took to get the truth. I hate to brag on Tom Anderson too much, it might ruin him.

Edgar A. Whittaker *Pound, Va.*

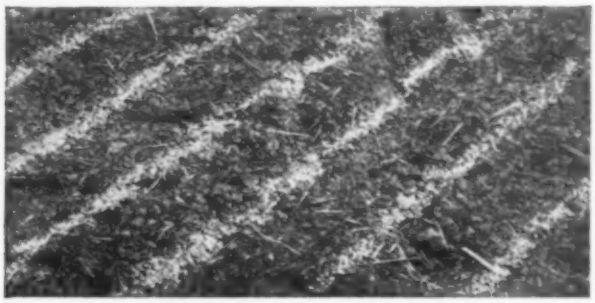
(Continued on page 8)

THE LATEST DEVELOPMENT in Nitrogen Fertilizer

UNIQUE SHAPE . . . HIGH DENSITY . . . CONTROLLED SIZE



Free Flow • Dry Flow • 2-Speed Nitrogen



Spreads Evenly • Stays Put • Goes to Work Fast

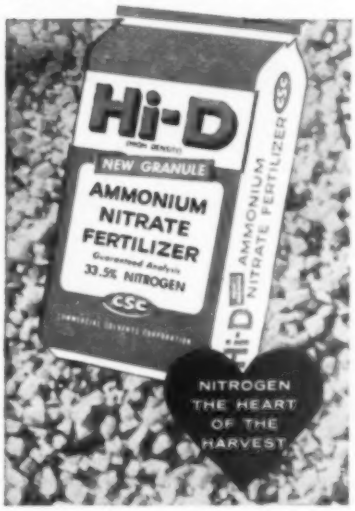
Hi-D stands for high density and for a new way of making ammonium nitrate. A patented process makes a denser product with the maximum moisture "squeezed" out of it. Hi-D Ammonium Nitrate is made dry, coated dry and bagged dry. New granule Hi-D really flows freely, spreads evenly and stays put. Doesn't gum-up, stick, clog, cake or bridge even on soggy, steamy days.

Hi-D Ammonium Nitrate contains the 2 key types of nitrogen – the kind of nitrogen in sodium nitrate *and* the kind in ammonium sulphate as well! That's not all. 100 pounds of Hi-D gives you as much nitrogen as 159 pounds of sulphate or as much nitrogen as 209 pounds of soda! The total nitrogen in Hi-D, guaranteed at 33.5%, gives 2-speed fertilizing action. 16.75% *nitrate* nitrogen works fast for vigorous starts, 16.75% *ammonia* nitrogen for sustained follow-up growth.

There's another kind of value in Hi-D, too. Its high density means less bulk – 10 bags stack in the same space as 8 bags of other types of nitrate. In the field this means you get up to 25% more nitrogen from a normal hopper load – you cover more ground per load.

Pound for pound, there's no buy like new Hi-D. But, remember that there's no substitute for balanced fertilizers! Hi-D should be just one part of your program for productivity. Your profits go up when your crop unit costs go down. That calls for soil testing, a liming program, the balanced fertilizer your dealer recommends – then the supplemental nitrogen boost with new granule Hi-D Ammonium Nitrate.

See your dealer for a sample of new granule Hi-D. Look for Hi-D in the green and white bag. You can trust Hi-D in the field and in the yield.



COMMERCIAL SOLVENTS CORPORATION – STERLINGTON, LA. – ST. LOUIS, MO. – ATLANTA, GA. – TERRE HAUTE, IND.

THE CROP REFLECTS THE FERTILIZER!

Corn requires different fertilizer analyses on different soils. That's why it pays to use V-C Fertilizer ***precision-made*** to grow big, profitable yields of corn *on your particular soil.* You get a modern blend of the plant foods that are lacking in your soil—the plant foods corn needs to make vigorous growth, develop strong, sturdy stalks, healthy, deep-green foliage, and big ears loaded with high-quality grain. Because your ***precision-made*** V-C Fertilizer fits your needs, you get more crop-producing power per dollar you invest. This means bigger yields at lower cost and more profits in your pocket.

See Your V-C Dealer!

Precision-made in a V-C factory near your farm, your V-C Fertilizers are backed by all the resources of a great national organization with more than 60 years of manufacturing experience, technical skill and practical farm know-how. V-C factory experts, chemists and agronomists work with one aim—to bring you better fertilizers ***precision-made*** for your crops and soils.

The best grade PRECISION-MADE for YOUR crop

V-C Fertilizers are ***precision-made*** in the analyses recommended by your Experiment Station or Extension Service.

V-C Fertilizers are ***precision-made*** in combinations of plant foods to meet needs indicated by soil tests.

V-C Fertilizers are ***precision-made*** to include major plant foods *plus* secondary plant foods and minor elements.

Famous for crop-producing power and easy-drilling quality since 1895!

Letters

(Continued)

• • • Praise the Lord for someone who still has boldness to tell people the truth about labor unions.

Could you send me several copies of your January "Straight Talk.?"

Mrs. G. W. Spurgeon *Lufkin, Tex.*

• • • It is fortunate for the country that a person like you who can see so clearly the farmer's problems, and the Nation's needs has such a far-flung audience, for your editorials need to go into the homes all over the land, especially into the farm homes, for too often editors of farm papers do not see broadly but yield to unthinking prejudice. My wife reads your editorials, too, as I do, as soon as the magazine reaches home. I began reading the FARM AND RANCH before you were born. . . .

W. E. Thompson *Houston, Tex.*

Just Wants to Be Let Alone

• • • Your "Straight Talk" is the most sensible reading of any farm paper I read. . . .

I am one of those small farmers in Hunt County. I don't ask for government help. All I want is let everyone plant and farm his land as his own judgment and management directs, and I think I can make an honest living.

L. M. Nalls *Quinlan, Tex.*

Why Subsidize Corporate Farms?

• • • Your "Straight Talk" is worth more than the price of the magazine. You should run for president or senator.

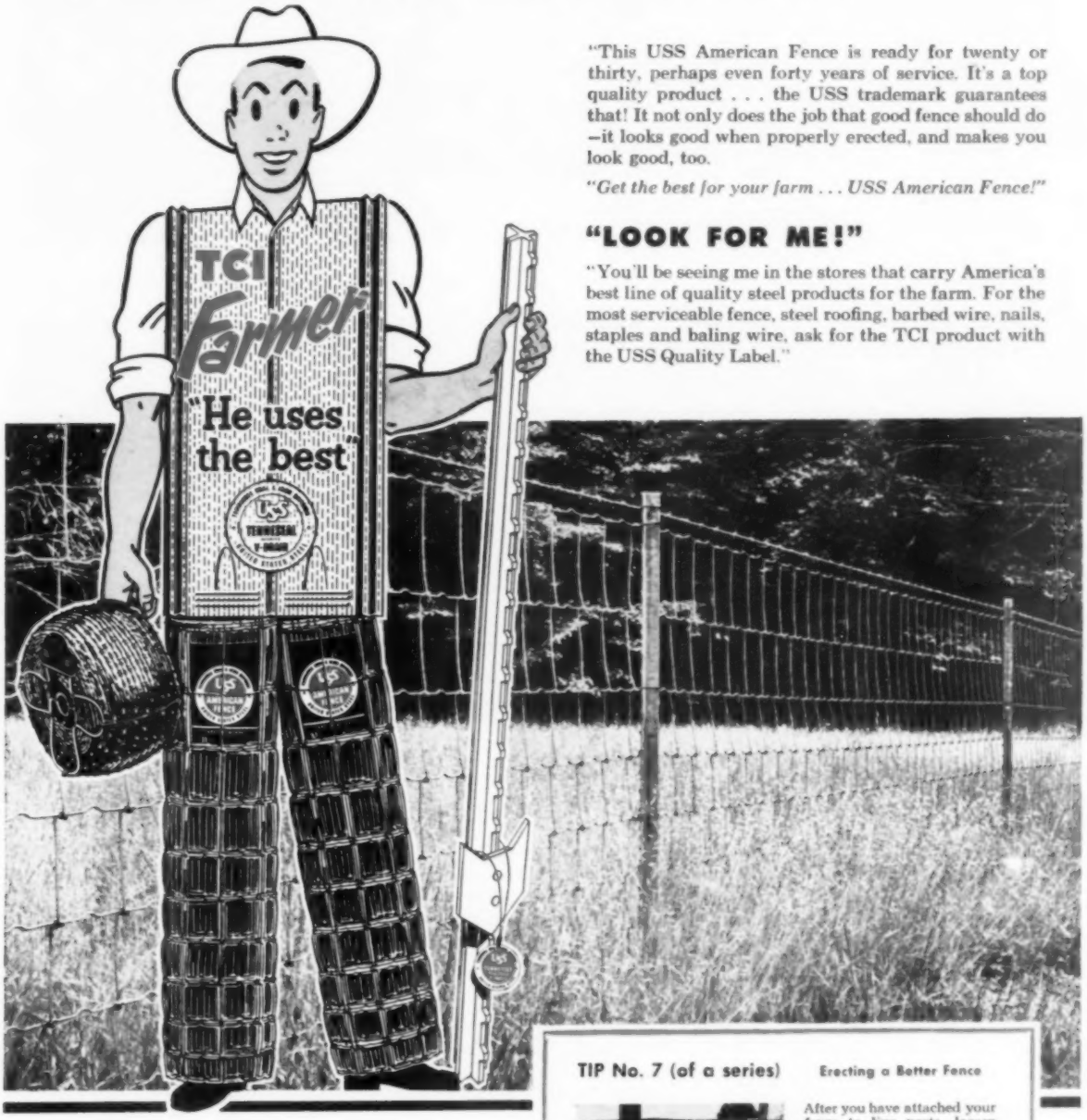
I farm for a living, but it's getting harder to make a profit every year. . . . Big organizations have ruined the small farmers. Some raise a crop of tomatoes or cukes in Cuba or Mexico with cheap labor, then sell in USA almost duty free. One shipper has increased his operations in Dade County to 8,000 acres. The state and federal governments spend tax money for drainage in the Everglades. Here large ranches drain ponds or have irrigation systems laid out, by Soil Conservation. Lime and cover crop payments are made—even part of the cost of clearing land.

Why should large corporations be subsidized in their farming? They make our oversupply, not people who farm for a living. Ever since the government started spending taxes helping farmers it has been getting worse. The more they buy the more is produced it seems.

Cornelius Kagen *Wauchula, Fla.*

(Continued on page 10)

"USS American Fence stands up and stays tight longer!"



"This USS American Fence is ready for twenty or thirty, perhaps even forty years of service. It's a top quality product . . . the USS trademark guarantees that! It not only does the job that good fence should do —it looks good when properly erected, and makes you look good, too.

"Get the best for your farm . . . USS American Fence!"

"LOOK FOR ME!"

"You'll be seeing me in the stores that carry America's best line of quality steel products for the farm. For the most serviceable fence, steel roofing, barbed wire, nails, staples and baling wire, ask for the TCI product with the USS Quality Label."

TENNESSEE COAL & IRON
DIVISION
UNITED STATES STEEL CORPORATION, GENERAL OFFICES: FAIRFIELD, ALABAMA

USS AMERICAN FENCE

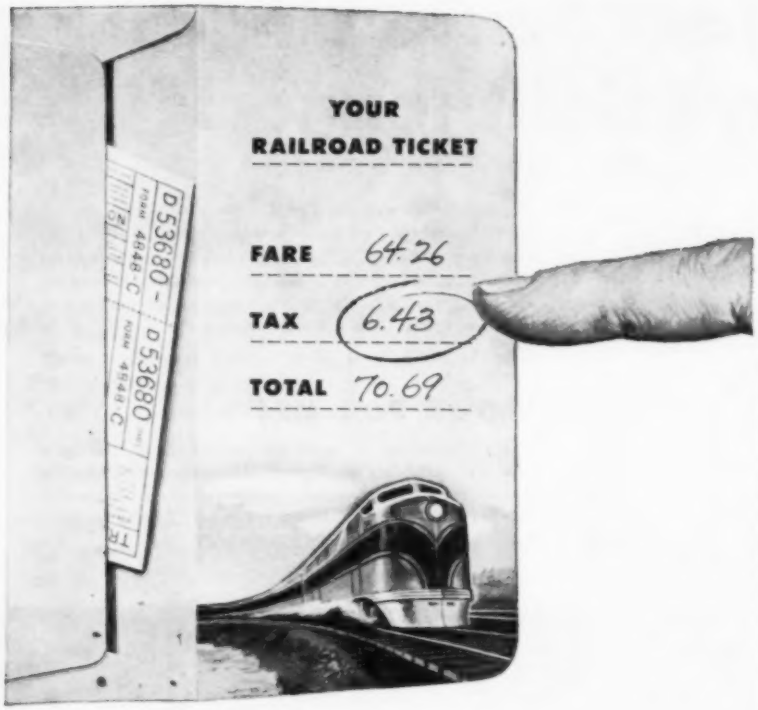
See "THE UNITED STATES STEEL HOUR"—Televised alternate weeks. Consult your newspaper for time and station.

TIP No. 7 (of a series) Erecting a Better Fence

After you have attached your fence to line posts, loosen stay wires and wrap line wires alternately around corner post and fasten firmly. If stapling to wood, use TCI's new GRIPTITE staples* across the grain. Fence should be grounded at intervals as protection against lightning. Steel line posts accomplish this.

**GRIPTITE staples drive like a nail . . . hold like a fish hook!*

UNITED STATES STEEL



You still pay these "temporary" wartime taxes

During World War II, Congress levied special taxes on the passenger fares and freight charges paid to railroads and other forms of public for-hire transportation. One reason for these special taxes was to discourage the use of these transportation facilities in wartime.

The war ended more than ten years ago but these taxes go on – and on. They still add an extra 10 per cent to the passenger fares you pay, and they add 3 per cent to the freight charges on everything that moves by public carriers such as railroads.

The reason for these "temporary" wartime taxes vanished long ago. But they are still discouraging the use of our public transportation systems. And by so doing, these taxes are weakening our public carriers—essential to peacetime commerce and vital to national defense.

These discriminatory and burdensome taxes should be repealed – *now!*

ASSOCIATION OF
AMERICAN RAILROADS
WASHINGTON, D. C.

President

• • • It is my wish that Thomas J. Anderson could be president of the United States, with the powers of an absolute dictator. I trust him to that extent.

M. N. Fain *Whitewright, Tex.*

Liar

• • • In your January editorial you state that there are eight Southern states with right-to-work laws. It is also a fact that the average wages and working conditions in those states are the worst in the nation. You also say that the American Farm Bureau and National Grange favor right-to-work laws and it is common knowledge that both organizations are largely influenced by and dictated to by business men.

. . . You also lie when you say that millions pay union dues against their will.

. . . You couldn't even make an efficient town constable, much less a president. I notice a few think otherwise, but Barnum said one of that sort is born every minute.

Come to think of it, if it's really that bad, maybe you could be president but, as you said about the Farmers Union, perish the thought.

O. W. Noblitt *Temple, Okla.*

Most Able

• • • The most able editorial I have seen in many moons. Thinking people want to be free and stay free from any dictation by any boss, union or any other kind.

Walter Bailey *Fort Worth, Tex.*

Knot-Head

• • • After reading "Straight Talk" in the last issue by that Knot-head Anderson about labor unions and right-to-work laws, you couldn't give me FARM AND RANCH. . . .

Joe Dillard *Prattville, Ala.*

(Member of International Association of Machinists Union)

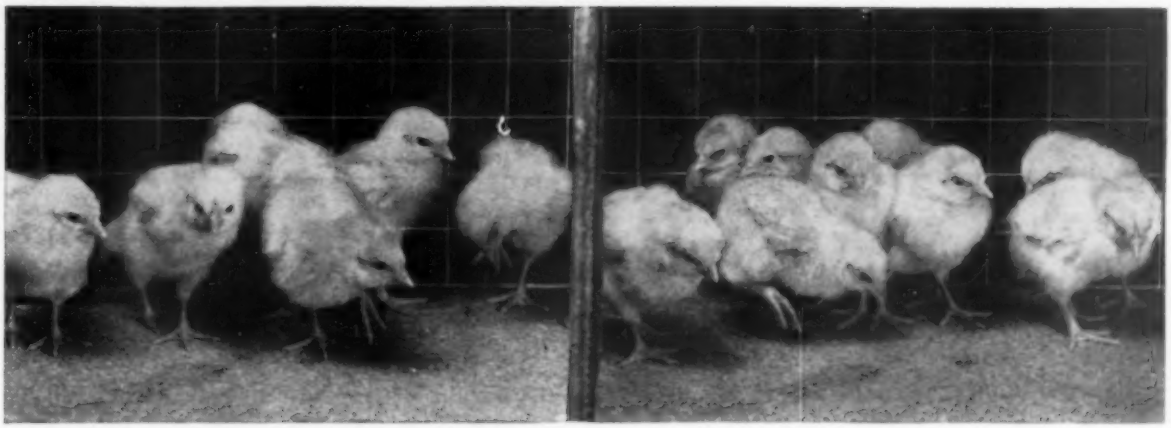
• • • I enjoy reading FARM AND RANCH very much. I think it is the best farm magazine to be had and I take some six or eight farm magazines.

Your "Straight Talk" cannot be beat. I sent a copy together with letter to our state senators and congressmen in Washington. I am sure the majority of the American citizens are in favor of right-to-work laws.

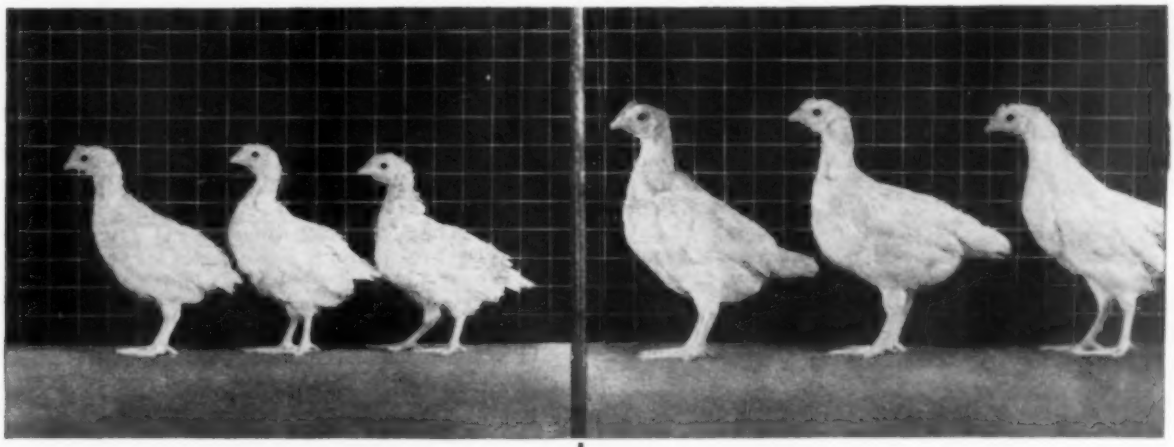
Irvin Fly *Milan, Tennessee*

(Continued on page 24)

They start even . . .



But 33 days later . . .



Lower-quality starter | **Improved Super Startena**

Improved Purina Super Startena gives you . . .

Extra growth you can <u>see</u> and <u>feel</u>

Cover the right half of the lower picture with your hand. The pullets on the left don't look bad at all, do they? Now uncover the Super Startena-fed birds on the right! Same age . . . 33 days. Same amount of starter . . . only 2 pounds. But what a difference in growth!

There is a live-chick demonstration at your Purina Dealer's. That's where you can see and feel, in the flesh, the extra growth Purina's improved Super Startena puts on chicks. While you're there, check their age and size. Heft one or two of the chicks. *Feel* the solid, chunky weight of those Super Startena birds.

Livability's another big thing. Records from farms all over the country on more than *two million* Purina-fed chicks showed an average of 97.3% livability!

The same feed that produced birds like these is ready to work for you. Ask for Purina's improved Super Startena . . . at the Store with the Checkerboard Sign.

CHICK HEALTH HINT—One of the most fertile breeding places for germs is your baby chicks' drinking water. Purina Chek-R-Tabs kill common germs in drinking water for 12 to 24 hours, and cut down spread of diseases . . . without affecting growth, rate of gain, or feathering. The cost is small, the benefits large. Ask your Purina Dealer for Purina Chek-R-Tabs!

QUALITY SERVICE

FEED PURINA . . . YOU CAN DEPEND ON THE CHECKERBOARD

COTTONCAST

By Gerald Dearing

THE NATIONAL COTTON COUNCIL, meeting in St. Louis, has recommended the extension of the competitive sale of cotton for export from Commodity Credit Corporation stocks for another year. The program has disposed of some 6,300,000 bales this season and may step up exports to 7 million bales compared with 2,200,000 bales last year.

THE SOIL BANK SIGNUP is under way, with some counties reporting that their funds have been exhausted in the first few days of registering on a first come, first served basis. If you want to participate in the Soil Bank and find this condition prevailing, insist on signing up anyway. About March 1, when the trend is indicated, unused funds from counties where Soil Bank is not popular will be transferred to other counties within the state, and later from state to state.

THERE WILL BE A CONCERTED CAMPAIGN by nonproducers in the cotton industry to spread the theory of export subsidies or compensatory payment programs among farmers in the months ahead.

THE COUNCIL VOTED for a stepped-up campaign of sales promotion and marketing research. It also authorized a study of means to finance the overseas promotional program when the Public Law 480 funds are no longer available.

Dr. M. K. Horne, Council economist, predicted that if the sales promotion efforts for cotton are pushed abroad, and if the present trends continue, the American cotton farmer within 5 years will have a domestic market of 11 million bales and an expanding export market that will have reached 9 million bales within that time. On the other hand, he added, if the aggressive marketing efforts are relaxed, the offtake at home and abroad can decline from the present high levels of approximately 15 million bales a year.

COTTON PRODUCER GEO. C. CHANCE, of Bryan, Tex., was elected president of the Council. He succeeds Francis J. Beatty, of Charlotte, N.C. Beatty becomes president of the board of directors.

USDA can be expected to announce its new program sometime in February, almost certainly by March 1, when it is expected to make the 1955 loan cotton available for purchase for shipment abroad. The announcement has been delayed to permit the Council to make its endorsement and for the futures markets to carry their protests against it to the Department and to the White House.

THE ACTION WAS TAKEN over the increasing demand by shippers and the futures exchanges that a one-price system be developed either through an export subsidy program or through a program of compensatory payments to farmers. While approving the extension for one year, the shipper element let it be known that they will oppose another extension in 1958.

THE INFLATIONARY TREND in the country will have the tendency to increase the parity price of cotton, thus increasing the final loan figure when it is announced in July. There is another factor that may step up the loan price. That is that before the final determination is made, another consideration of domestic offtake, crop size and exports must be made. By July, the effects of the Soil Bank may be known. They can only be guessed now. The consumption and export estimates will be more realistic. Final support figures may be well over the minimums announced by USDA.

THE COUNCIL OPPOSED any governmental action which would place maximum dollar limits, because of size of farm, upon any farmer's participation or benefit from a price support program or payment program.

FARMERS CAN IMPROVE their cotton quality if they want to. Most recent example of this is on the Texas High Plains. Under fire for growing unwanted short staple cottons for the loan, because there was little market demand for them, growers on the High Plains organized to campaign for better quality. The result: Within one year they increased the average staple length of High Plains cotton a sixteenth of an inch, from 29/32 to 31/32 inch. It can be done.

(Only cotton news-and-forecast page in any farm magazine—and fastest writer-to-reader service)

Down payment . . . one old headache

This farmer just made a real buy. He used his old tractor as down-payment on a beautiful new Ferguson 40.

It's a trade where the farmer can't lose. Because now —at low cost—he has a tractor that's powered to save job time. The Ferguson plows with 3 bottoms in most soils, using much less gasoline. The Ferguson hitch saves time in the yard and in the field. So does maneuverability. And advanced hydraulic control speeds up closer work—whether it's cultivating, grading or contour plowing.

"It's got the Ferguson System," is the way most owners explain how they can do so much with this tractor.

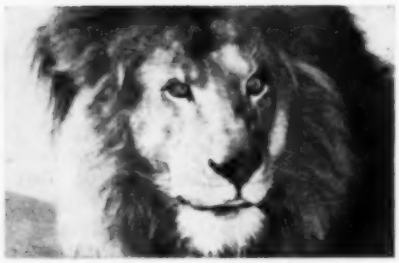
No fiddling with complicated adjustments. No wasted fuel. You get full use of power—automatically.

These are facts which can be pretty pleasant when you total up the result of a year's work. There's no need to let an older tractor hold back your farm profit. Talk to your Ferguson dealer. Talk performance. Talk trade. Perhaps your tractor, too, will be the down payment. So, see him first . . . or see him last. Either way you can't lose. *Ferguson, Racine, Wisconsin.*

Ferguson POWERED TO SAVE YOUR JOB TIME

YOU SAVE MONEY WITH LION IN YOUR FIELDS

Lion Ammonium Nitrate is



FOR LOW-COST NITROGEN, LION is the brand. Lion Ammonium Nitrate is guaranteed to contain 33.5% nitrogen, which means low-cost nitrogen for your crops . . . more for your money in bigger crop yields.

FOR MORE PRODUCTION, Lion Ammonium Nitrate contains *quick-acting* nitrate nitrogen that gets crops started fast . . . and *long-lasting* ammonia nitrogen that resists leaching, feeds crops steadily.

FOR EASIER SPREADING, Lion Ammonium Nitrate is in pellet form. These pellets are specially coated to withstand caking. Result: Lion brand flows freely, spreads evenly after shipment or storage.

*Trade-mark of Monsanto Chemical Company

low-cost solid nitrogen fertilizer

THE SPECIAL LINING of the Lion bag protects your fertilizer against caking. Lion Ammonium Nitrate is *guaranteed* to flow freely—*not for just a year, but until used*—when you follow storage directions on the bag.

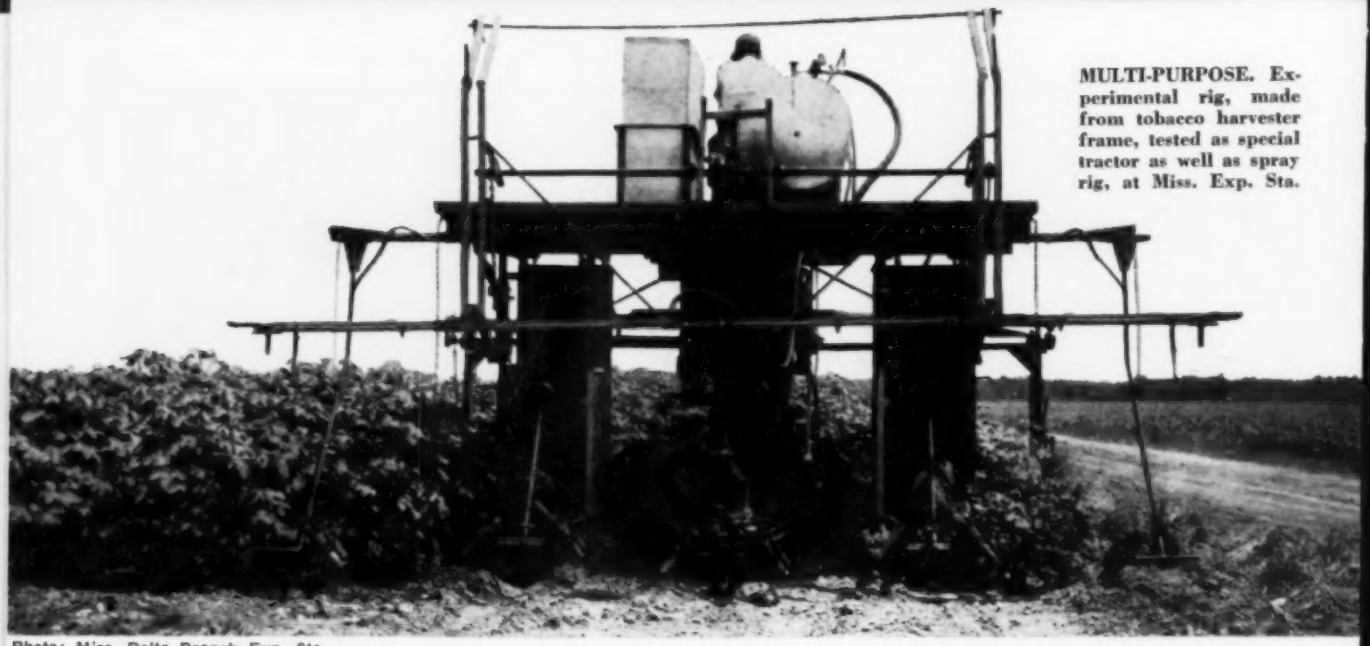
WORLD'S LARGEST. Lion Ammonium Nitrate is made by Monsanto Chemical Company, world's largest producer of prilled ammonium nitrate—and *your* most reliable source of *low-cost* nitrogen. Save money! Buy Lion!

See your fertilizer dealer—ASK FOR LION brand...guaranteed 33.5% nitrogen.

MONSANTO CHEMICAL COMPANY
INORGANIC CHEMICALS DIVISION
ST. LOUIS 1, MISSOURI

GROW MORE PROFITABLY... Weed Killers • Brush Killers • DDT and Parathion Insecticides • Medo-Green® Silage Preservative • Phosphates (Liquid and Solid)

MONSANTO ®



MULTI-PURPOSE. Experimental rig, made from tobacco harvester frame, tested as special tractor as well as spray rig, at Miss. Exp. Sta.

Photo: Miss. Delta Branch Exp. Sta.

How you can use HIGHBOYS

Get the most from high-clearance rigs for tall-crop insect control

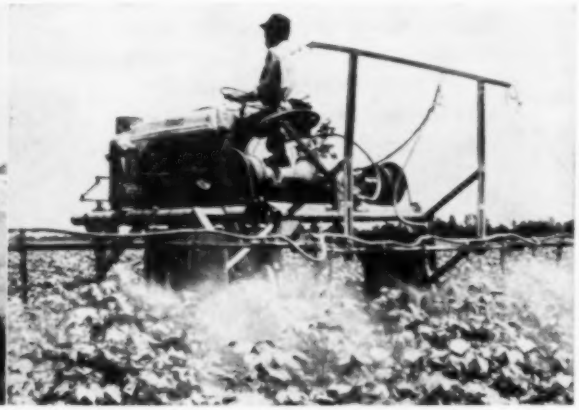
By Robert Lee

WHEREVER corn, cotton and tobacco grow tall and insects grow fast, you'll find at least a few high-clearance self-propelled spray rigs this summer. A lot of crop farmers who have insect-control problems on a big-acreage scale figure they're a good investment. (Although "highboy" is used by one manufacturer as a trade name, it's often used as a general description for any high-clearance rig.)

Arkansas Exp. Station recently figured out that owning and operating a factory-built high-clearance rig will cost you about $420 a year if you have 250 acres, and spray or dust it four times. Hiring custom application the same number of times would cost you about $480, the Station estimated. The difference gets bigger as the number of acres and applications increases. And in most tall-corn acres, it does take more than four mid-season and late-season applications of insecticide.

Some owners help repay their investment in a *(Continued on next page)*

DO IT YOURSELF. H. C. Emmick, Lewisport, Ky., took an old Farmall F-20, two old truck transmissions, less than $100 worth of scrap metal, and made this one. With booms attached, it'll spray corn and tobacco.



TRACTOR ON STILTS. You can build one like this, or buy one complete, converting ordinary wide-tread tractor like this into high-clearance rig. Joe Hall, Merigold, Miss., owns this.

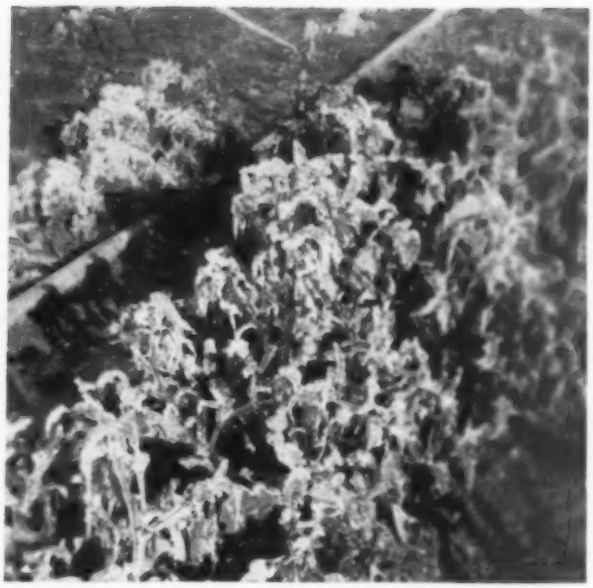
factory-built high-clearance rig (generally from about $1,400 to a little over $2,100, depending on special attachments and accessories like lights and starter) with other uses of the rig. One manufacturer makes a cotton topper attachment, for tall-cotton areas like the Mississippi Delta area where topping is sometimes a good idea. Spray boom attachments can be used to apply liquid (solution) fertilizer and weed control chemicals. And the advantage of ground defoliation over aerial application of defoliants for cotton — being able to do it when you want to and just as many acres as you want to — makes the high-clearance rigs useful in defoliating rank cotton.

Corn growers use the high-clearance spraying (or dusting) rigs for applying granular DDT (or other insecticides) for corn borer control. Corn growers also use a topping attachment for clipping of corn above the ear to hasten maturity and make mechanical picking easier, or for detasseling—one North Carolina grower has found that detasseling his *commercial* corn crop actually pays off.

For about $1,000, plus labor costs, you can have a wide-front-tread type tractor (Ford, Ferguson, etc.) mounted on "stilts" (like the photo on page 16, at lower right) and have a high-powered "highboy." Similarly built rigs are made by one manufacturer complete, for slightly over $2,000.

B. M. and Harvey Segrest built this one for their Macon County, Ala., farm, for dusting cotton without damaging foliage. Note tractor used for power.

The Hahn Hi-boy, new model of a popular factory-built high-clearance spray rig for use in tall growing crops.



This field of onions and peppers is being protected from frost damage by the constant formation of ice from sprinkler irrigation. Water is broken up into fine mist for greater coverage of area.

COAT 'EM WITH ICE TO KEEP PLANTS WARM

FROST is tricky. It can hit by surprise in early fall or late spring and wipe out a fruit or truck crop overnight, as happened in 1955.

With a sprinkler irrigation system you can protect truck crops through dangerous spring frosts and freezes of spring, and you can prolong the growing season beyond the first killing frosts of fall. It's the constant formation of ice that does the trick. Sounds fantastic. But when water sprinkled on plants freezes, it gives off heat. Some of it goes into the plant leaves and blossoms, some into the air. Heat absorbed by the plant is enough to keep it above its freezing temperature, unless air temperature is very low, or when the heat is rapidly removed by an exceedingly cold wind.

This glacial protection works best on low-growing plants such as strawberries, peppers, beans, peas, broccoli, squash, cucumbers and tomatoes. Fruit trees, sweet corn, celery and a few other tall plants can be protected by sprinkler irrigation without damage during a light frost when little ice is formed. But ice formed during a heavy frost or freeze can do more harm than the cold because of the ice-load.

In Michigan, strawberries have been saved when temperatures fell to 18 degrees and tomatoes at 20 degrees. R. L. Kimbrough, Crawford County, Arkansas, says he protected tomato plants last March when the temperature fell to 24 degrees. He set three lateral lines across his field at 60-foot intervals, with some of the sprinklers set 60 feet, some 90 feet apart. The sprinkled area from one sprinkler met, or overlapped a few feet, the sprinkled area from the next sprinkler. One nozzle of each sprinkler was plugged. By use of 80 pounds pressure, water was broken up into mist for greater coverage.

Frank Reed, also of Crawford County, set one line of pipe in his bean field to protect an area 100 feet wide. Temperature was below freezing. The irrigation system was run at 80 pounds pressure from midnight to sun-up. The protected area was saved and Reed got two extra pickings of beans. Rate of water application was just enough to prevent damage to the plants, less than half the normal amount needed for irrigation.

By H. L. Gantz

(More about sprinkler protection for truck crops on page 33)

Don't Risk Falling Water Level . . . Get

F&W

MULTI-PURPOSE

Convertible from Shallow Well to Deep Well

It's simple to change this jet pump from shallow to deep well use just by taking the ejector off the pump and moving it down into the well. And, by substituting a high pressure ejector you can get higher discharge pressures or use it on even *deeper* wells. F & W Water Systems are precision-built for long, trouble-free performance . . . cost less per year to own . . . less to maintain and operate. See your F & W dealer today or write for full information.

Flint & Walling Manufacturing Co., Inc.
329 Oak Street, Kendallville, Indiana

Flowing Water AT ITS BEST

F&W WATER SYSTEMS

FARM-USED, FARM-PROVED SINCE 1866

FREE OUTFIT STARTS YOU IN BIG MONEY SHOE BUSINESS!

We furnish everything FREE to set you up in your own profitable full or spare time shoe business. Just 3 easy sales a day brings up to $84 a week EXTRA! Repeat orders mean big, steady profits. No experience or investment needed. You feature over 150 fast-selling styles in dress, sport, work shoes for men, including beautiful Nylon mesh shoes with Air Cushion innersoles. Also special kinds of shoes for different occupations. Amazing range of sizes and widths. Fit customers stores are unable to take care of. Start now by selling to friends, neighbors, relatives. *Everyone* is your prospect. Send postcard *Today* for FREE *Selling Outfit!*

WRITE TODAY!

Mason Shoe Mfg. Co., Dept. 538, Chippewa Falls, Wisc.

WASHINGTON WIRE

By BOB NICHOLS
from the Nation's Capital

Expand the Acreage Reserve?

THIS session of Congress will still see some brawling over a new corn program, and some fussing over modifications to the Soil Bank itself, but nothing like last year's.

▶ **Farm-state Senators** show little inclination to demand major overhauls in the farm program; most of them are willing to let the present program—for crops other than corn—be tried out through this year. And no major clash over the Soil Bank itself has developed between Secretary Benson and Southern Representatives—or seems likely to, although there is some skirmishing.

▶ **An increase in Acreage Reserve rates** for tobacco is still wanted by some Southern Representatives, however. Since they can't get it from USDA, they'll ask Congress for it, and probably get it—eventually. And they still want a Soil Bank that's "fair" to Southern farmers.

Representative Bass (Tenn.) has also called for relaxation of limits on the percentage of a farm's tobacco acreage each farmer can place in the Acreage Reserve. Bass contends that the grower who has three acres of tobacco, for example, wouldn't put any of his acreage into the Reserve unless he could put it all in.

▶ **Drouth and low-income relief** functions of the Soil Bank will get more attention. Bass has tossed into the Congressional hopper a bill to cushion tobacco growers against future acreage allotment cuts by letting any acres lost by cuts be placed in Acreage Reserve. Thus, growers would be compensated for any of their acres idled by any further cuts. And some Western Congressmen still want grassland to be made eligible for Acreage Reserve, as an aid to drouth-stricken ranchers. It'll be hard for the Administration to argue against that one, after Ike's drouth-area tour.

▶ **The corn-program squabble** in Congress will mostly be about the minimum support level, with some conflict possible over how much Soil Bank participation shall be mandatory for corn support compliance. Secretary Benson wants a support level minimum at 70 percent; Midwestern Congressmen will feel obliged to demand a higher one. Agreement on a national acreage allotment of 51 million acres of corn is probable, with a requirement that each grower place 15 percent of his allotted acreage in the Reserve.

▶ **The export sales program** for farm products is one program nearly everybody seems to be happy about. It's proving more successful than even its strongest advocates expected—having been responsible for the seven million bales of '56-57 exports of cotton, for example, compared with some two million bales the previous year. The results with some other crops are almost as good. The President, in his 1957 economic message to Congress, has asked for an additional billion dollars to keep the program going full speed.

A dramatic shrinkage of farm surplus stockpiles is resulting from the accelerated export sales program plus regular cash exports. It's good news for everybody—for farmers not the least of all. Shrinking stockpiles mean less danger of future acreage cuts, more possibility that allotments can be increased in the future and lessening of the effect of the stockpiles as a ceiling on prices of supported crops.

Now that most factions in Congress seem to be pretty well agreed with the Administration on the export sales program (as a "two-price" system by another name, although the Administration denies it's that), the Department of Agriculture is anxious to have the program moving as fast as possible. Reducing the farm surpluses to the "manageable proportions" the Secretary has talked about is essential before the next elections, to be able to point to as proof that the Administration's farm program is working. The Soil Bank alone could not accomplish that.

The latest first for the Southeast

now

TRACTION GROWS WITH THE LOAD!

New Fast-Hitch with Traction-Control and "Pilot Guide" give you round-gaining ground grip . . . look-ahead farming!

It's new . . . different . . . unequalled—IH Fast-Hitch with Traction-Control and "Pilot Guide"! This IH weight transfer system continuously keeps just the right amount of pressure on tractor drive wheels to beat slippage.

Unlike other devices that abruptly lighten the load to match traction, IH Traction-Control Fast-Hitch gives you traction that *grows with the load!* You keep plowing full-depth when others shallow out.

To add up to a ton of "wheel weight," just pull a handy lever! Several lever settings match weight transfer to *any* field condition. "Pilot Guide" shows proper range of weight transfer and plowing depth.

Unlike hydraulic traction devices which rob engine power when needed most, the mechanical action of Traction-Control Fast-Hitch keeps every horsepower harnessed to the load. New Fast-Hitch retains Back . . . Click! . . . and Go! hitching—gives full control of cultivator with *one* hydraulic cylinder.

"POWER PUT TO BETTER USE!"

Ground-gripping traction that grows with the load puts power of new Farmall® 450 (above) to better use . . . pulling new McCormick® 4-furrow Fast-Hitch plow in hard, root-bound sod.

Your IH dealer will gladly demonstrate new IH Fast-Hitch with Traction-Control and "Pilot Guide" for Farmalls 230, 350, 450, and International® 350 Utility tractors. Call him, TODAY!

SEE YOUR

INTERNATIONAL HARVESTER® DEALER

International Harvester products pay for themselves in use—McCormick Farm Equipment and Farmall Tractors . . . Motor Trucks . . . Construction Equipment—General Office, Chicago 1, Illinois

New "Pilot Guide" for IH Traction-Control Fast-Hitch. Just glance at this handy device to check plowing depth, and determine whether you have the right amount of weight transfer.

Send coupon TODAY!

International Harvester Company
P. O. Box 7333, Dept. FR-3, Chicago 80, Ill.

Tell me how new IH Fast-Hitch with Traction-Control can put power to better use on my farm. Send information on:

☐ Farmall 450 (4-5 plow) ☐ Farmall 350 (3-plow) ☐ Farmall 230 (2-plow)
☐ International 350 Utility (3-plow)

Name_____
Address_____
Post Office_____ State_____
My IH dealer is_____

LOOK! NEW FO

The boldly modern styling you see in new Ford Trucks for '57 only *hints* at how deep-down modern they are!

New Ford Pickups with Styleside bodies (standard at no extra cost) offer extra loadspace, new higher power, completely new cabs, a new kind of pickup ride. The exciting new Ranchero rides, handles and looks like a modern car. Deep-down it's a rugged truck—carries more than many standard pickups. And the completely new medium-duty trucks have higher horsepower, more rugged chassis and stronger, roomier, more comfortable cabs. *See your Ford Dealer for more information on the sweeping changes made throughout the new Ford line!*

The Ranchero! More than a car, more than a truck—it's a completely new kind of vehicle. A real packhorse that handles more than half a ton!

LOOK again!

They're modern through and through

NEW cabs—completely new—stronger, roomier, smarter! New wider full-wrap windshield. New inboard cab step, new Hi-Dri ventilation, new easy-to-read instrument panels!

NEW hydraulic clutch, standard in all models from Pickups to Tandems. Easier to operate, works like hydraulic brakes. Clutch and brake pedals are suspended type for extra driving ease!

NEW riding comfort! A completely new suspension; big, roomy cabs and better visibility, greatly improved riding and handling ease.

NEW chassis and body strength! New frames, up to 13% stronger. New sturdier front and rear axles! New higher capacity springs! New stronger, more durable cabs.

NEW power advances! New higher horsepower, new freer breathing, new higher compression, new Super Filter air cleaners. New advancements from camshafts to carburetors! Modern Short Stroke design in every engine—V-8 or Six.

NEW F-600 2-tonner has higher horsepower and more rugged chassis construction. More payload capacity than any other 2-tonner.

RD TRUCKS *for* '57

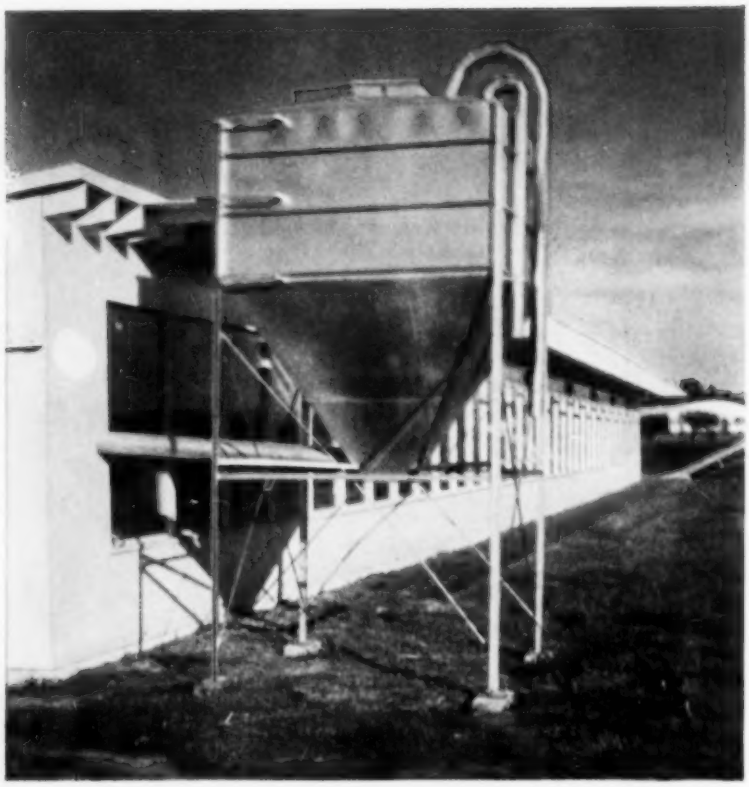
New medium-duty stake trucks for farm work. Choice of modern Short Stroke Six or two V-8 engines. (Series F-500 Ford Truck illustrated)

New Pickup with Styleside body, standard at no extra cost, gives you stunning style and the biggest load-space of any half-tonner. 6½-ft. and 8-ft. bodies.

For '57 and the years ahead-

FORD TRUCKS COST LESS

...LESS TO OWN...LESS TO RUN...LAST LONGER, TOO!



Photos by Author

SOLAR

Photo at left shows the automatic bin feeder at one end of the poultry house. On the other end (photo below), the automatic loader takes manure from a belt conveyor that cleans the house, and dumps it into truck or spreader.

HARNESSED heat from the sun for warmth. Electric exhaust fans for perfect heat control and ventilation. Solidly built, completely insulated houses—with feed automatically fed from a bin at one end and an automatic cleaner that pitches manure into trucks at other end.

It sounds a little elaborate and complicated just to keep a bunch of hens happy at their work. But Charles Ventress of Duluth, Georgia, has four such hangouts for hens at his breeding farm—and he is sure we'll be seeing more automatic solar houses in the South.

When this outstanding breeder of cockrels for broiler crosses first saw solar heat working to perfection in the East—and noted the enthusiasm of poultrymen using "Old Man Sun" for heat—he decided to give it a try.

He was discouraged on all sides. Experiment station and other poultrymen said he wouldn't get the same advantages in the South. They pointed out that solar heat called for expensive housing, which is not a must in this climate, and that he'd have trouble cooling the houses in summer.

But as a breeder Ventress was accustomed to heavy expense. He was determined to give solar heat a try; and while he was about it he made the houses completely automatic inside and out.

That's how he came to get a two-year jump on the entire industry with this promising new type of poultry house in the South. (He is convinced that solar heat is just that.) He doesn't argue with the claims that installations are expensive—but then he points to his savings in fuel bills and labor costs. He believes the houses can be built economically in the South once manufacturers really take hold. One manufacturer is already offering them ready for assembly on the farm at costs less than half what Ventress paid for his ($5,000 to $7,000). He thinks experiment stations will be forced to do more work along the lines of

By BILL KENNEDY

HEAT FOR HENS...

...is it the coming thing for the South?

solar heat and that the houses will one day become popular.

One thing that will help is the fact that these houses can take care of more hens in the same amount of space. On this farm, three times as many hens are housed in the same amount of floor space required in conventional houses—and with no adverse effects. (Better performance than ever before.)

The principle is actually simple. The shed type houses are built facing due south. All sides are boxed solid except the tall south wall which is closed two-thirds way down from the top with a special heat absorbing glass (Thermapane), and insulated inside with plain glass. Small exhaust openings, about a foot square, are spaced just under the eaves every few feet around the other three walls. There is an intake opening for fans at one end.

Facing south, the glass catches the full force of the low-circulating winter sun; but in summer (when cooling is the problem), the sun moves straight overhead and is easily shaded off the glass with a wide eave. A thermostat stands guard inside the house to see that it doesn't get too hot. When the temperature rises above the thermostat setting, the exhaust fans switch on to bring cool air in from outside—and when the temperature drops the fans cut off. The fans provide both cooling and fresh air ventilation.

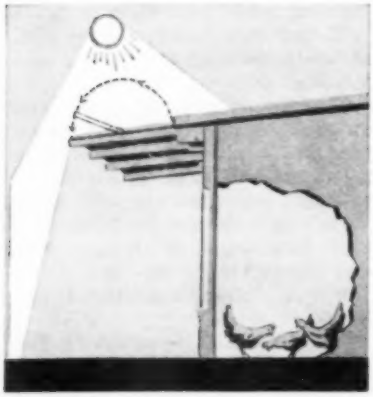
Four-foot eaves on the front of the house are adjustable to help keep sun on or off the glass in unseasonable weather. They may be folded back to two feet, or all the way back leaving no eaves at all. (Photo and drawings, below)

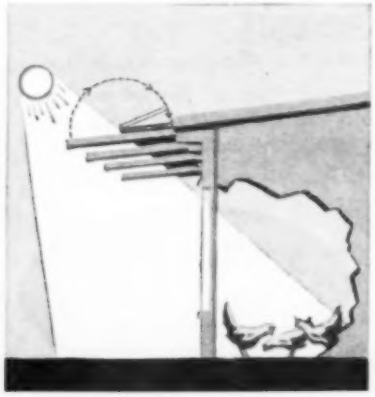
All walls and the roof are well insulated. A metallic paper insulation is used between ceiling and outside walls (Ventress' houses are of concrete block). An air space between the inside and outside glass on the south gives good insulation and prevents moisture forming inside.

Does it really work? Apparently Ventress has proved that there is plenty of sun, cloudy or bright, to provide heat in the winter—and that forced ventilation can keep an insulated house cool in the summer. Animal heat from the hens and stored heat in the building keep the house warm from sundown to sunup, with the fans resting under thermostatic control.

Charles Ventress declares that the temperature hasn't varied more than two degrees from the thermostat setting in his houses between the hours of noon and midnight on any day—winter or summer—since he started using them.

How the solar house uses the sun's rays for heat. Drawing at left shows how adjustable eaves are extended in summer, when sun is high in sky, to keep sun's rays out. In winter (center drawing and photo at right) eaves are narrowed to let sun's rays through glass.





Teach her modern cooking

with clean, money-saving, dependable

WARRENGAS

THE MODERN FUEL FOR TOWN AND COUNTRY

Cook the *modern* way, with the hot, clean, *controlled* flame of WARRENGAS. Now, have smokeless broiling . . . instant, automatic lighting. Have even, temperature-controlled baking. Thrill to automatic top burners that control the heat right *inside the pan* to give you perfect scorchless cooking beyond your dreams.

All this is yours—and more—with WARRENGAS and a modern gas range. Positive safety controls turn gas off automatically—instantly—if pilot light goes out.

Fast, clean heat you can depend upon, even in "lines-down" weather. Yet, this completely modern fuel costs only pennies a day, needs no expensive wiring or complicated installation.

Enjoy this modern cooking ***NOW!***
For full details phone your local Warrengas distributor. Or write to—

WARREN PETROLEUM CORPORATION
TULSA 2, OKLAHOMA

WARRENGAS
the Concentrated fuel

Letters

(Continued)

• • • Your "Straight Talks" are the sanest expressions that I encounter in the course of my reading or hearing. In 79 years I have listened a lot, at that.
C. V. Earll *Vicksburg, Mich.*

• • • We have just received a copy of your January "Straight Talk," which treats of the Kohler strike.

May we have your permission to condense and reprint it, with credit to you and your magazine? And if you concur, may we have a glossy print photo of the author . . . ?
George Brenn *Englewood, N. J.*
(Foreman's Digest)

Honest Thinking

• • • As a student of economics I have eagerly awaited each of your editorials. Each of your editorials has been a superb example of the sincere thoughts of a conscientious person, with no end except to cause some stagnated individuals to do a little honest thinking of their own for a change. Your opinions indicate that you have nothing to sell—except a return to self-reliance—and nothing to gain — except the admiration of freedom-loving individuals.

Your statement that "the editorials represent our conscience and are not a commodity to be bartered to the highest bidder" is a classic which should put the many editorial writers whose editorials come from wire services and influential groups to shame. Contrary to many expressed opinions, I feel that you are for the farmer. The "all I want is what benefits me most" idea has got to go. Your position that only a return to self-reliance will benefit the farmer in the long run, is truly commendable in this period of seemingly short-sightedness.

May your courage and concern for your fellow man never diminish!
Larry Joe Cook *Columbia, Miss.*

• • • Sure enjoy "Straight Talk." It encourages me to find one who is not afraid to speak out. Keep it up.

The editorial about "ruthless Reuther" some time ago, should be published all over the country. . . .

The government of Wisconsin, also the government in Washington, should hide their heads in shame, for allowing the rein of terror at the Kohler Company some time ago.

Had the authorities any "guts" they could have stopped it. It might have cost some votes though.

It was a disgrace to our United States.
C. O. Collett *Raymondville, Tex.*

(Continued)

• • • We are in receipt of a copy of "Straight Talk," and we note that you will give permission to reprint the various articles contained therein by giving proper credit to FARM AND RANCH. . . .

We publish a patriotic tabloid, entitled DAWN, which goes into the entire 48 states as well as a number of foreign countries. On the 5th and 6th of October, we used our general offices for a meeting of farmers from many states, at which time they organized the National Federation of Independent Farm Groups. Many of these people should be prospective subscribers to FARM AND RANCH.

There are two articles that we would like to run immediately. One is on the Hoover Commission, and the other is the Open Letter to Ruthless Reuther.

Sherwood C. Ide, Sr.
(Dawn) *Portland, Ind.*

• • • If I were not able to subscribe for but one magazine that one would be the FARM AND RANCH, even though it published nothing other than Mr. Anderson's "Straight Talk." . . .

W. B. Chilton *Springfield, Tenn.*

Hear the Editors of Farm and Ranch on Radio

The editors of FARM AND RANCH and radio station WSM's Farm Director, John McDonald, began a new farm radio program on February 11, on station WSM, Nashville.

The new program, "Old McDonald's FARM AND RANCH Roundup," is planned to provide better service to the vast farm audience served by both FARM AND RANCH and WSM. It's another step by our editors to make FARM AND RANCH more useful to its 1,300,000 subscriber families. We believe it's the only farm radio program of its kind, produced cooperatively by a radio station and a farm magazine.

We'll be on each weekday, Monday through Friday, from 6:00 to 6:25 in the evening. You'll have the opportunity to hear the latest farming headlines, news, weather, market information and farming and homemaking reports from all over the South, by WSM and the editors of FARM AND RANCH.

We'll be anxious to know how many of you are hearing our program. Write us, won't you, and let us know if you're getting us on your radio? WSM can be tuned in at 650 on your dial.

from first peep . . . to

"Keep 'em living"

through life . . . to

"Keep 'em laying"

AUROVIM Poultry Formula, containing wonder-working AUREOMYCIN® Chlortetracycline and important vitamins, starts your baby chicks and poults *right*—reduces early mortality and increases livability, protecting your poultry profits right from the start.

When birds are "off feed" and egg production falls off due to chronic respiratory disease (CRD or air sac disease), blue comb, synovitis, changeable weather, moving or other stress AUROVIM in the drinking water stops egg losses *fast*.

Sick birds may go off feed but they usually keep on drinking — fill their systems with AUREOMYCIN and potent vitamins—and *keep those eggs coming!*

The cost? Just pennies per bird per month!

Easy to use? Just mix AUROVIM in the drinking water — that's all!

Get your supply of AUROVIM today from your veterinarian, druggist, hatchery or feed dealer.

For free literature, write to AMERICAN CYANAMID COMPANY, FARM AND HOME DIVISION, 30 ROCKEFELLER PLAZA, NEW YORK 20, N. Y.

CYANAMID

AUROVIM®

POULTRY FORMULA

Containing Aureomycin and Vitamins

CHLORTETRACYCLINE

COMPARE

● See the difference nitrate nitrogen side-dressing *(left)* makes on cotton. Nitrogen in Chilean Soda is 100 per cent fast-acting, efficient nitrate nitrogen.

and you'll choose CHILEAN NITRATE OF SODA

Chilean Soda is a rare natural combination of nitrate nitrogen, sodium and minor elements. Its extra values distinguish it from other nitrogen fertilizers and account for its remarkable efficiency in the production of fine crops.

The effectiveness of a nitrogen fertilizer for top-dressing and side-dressing depends almost directly on the proportion of nitrate nitrogen it contains. In Chilean Soda, the nitrogen is 100 per cent fast-acting nitrate—ready to work as soon as you apply it. Chilean Soda has sodium and minor elements, too. Sodium destroys soil acidity, substitutes for potash and calcium when necessary, helps plants make better use of other plant foods.

Where the soil is too acid; where potash is deficient or where the available phosphate supply is low; where the crop needs quick help; or where one or more of the minor elements is lacking, Chilean Soda has no equal.

There is nothing to compare with Chilean Soda for top-dressing and side-dressing. Test it—compare it—and you'll find it is the most economical and efficient nitrate nitrogen fertilizer you ever used. **Look for the Bulldog on the Bag!**

Poultry Letter

(New ideas and current market information for poultrymen)

EGG PRICES DURING THE FALL and winter months of 1957-58 are unlikely to improve from a year earlier, unless egg supplies then are smaller than the record fall production of last year. To get a decrease in egg production, producers would have to make a cut of more than 8% from last year's number of chicks raised for laying flock replacement, concludes the new Poultry Survey Committee.

That's because there has been steady year-to-year increase in egg production per layer during fall and early winter months, and because in the years when producers reduce number of replacement chicks they raise, they tend to house a larger number of pullets from each 100 chicks purchased. Also, they hold hens longer and save more of them for a second year of laying.

DEMAND PROSPECTS FOR EGGS appear to be about same as existed in 1956. And, with a normal feed crop and no marked shift in government price policy, the outlook is for slightly lower feed costs for the year starting Sept. 1.

IMPROVED PRICE PROSPECTS during the first quarter of 1957, plus the rate of egg settings in early Jan., will mean market supplies after March will again be substantially above a year earlier. With continued strong demand in prospect, an increase of perhaps 5 to 10% in broiler market supplies during the April-June quarter of 1957 could move at prices equal to 1956 levels. Since it currently appears that the industry is heading for a supply in excess of 10% above a year ago, prices during second quarter will average below those received in '56.

Broiler prices will probably increase into March, rising perhaps as much as 3 to 5 cents above Dec. levels. Market supplies during Jan. and Feb. have been about 9% above levels of the same period in 1956. During March, because of a sharp cut-back in placements around the Christmas holidays, supplies will be only 6% above the year-ago level.

Feed prices during the first half of 1957 will average about the same as a year earlier. Chick prices during this period will probably be slightly below a year ago. Except as improvements in efficiency are made, the anticipated price and cost situation will result in lower broiler returns during Jan. through June as compared to the like period in 1956.

A TURKEY CROP OF 84 MILLION BIRDS is indicated -- up to 10% from the record crop of 1956. A crop of this size will move to market at substantially lower prices than were received for the 1956 crop. Any probable declines in feed prices will come too late to help turkey growers during the heavy feeding season of 1957.

The latest first—for the Southeast

New bonus-benefit

bīfuran

nitrofurazone & furazolidone

in starter feeds

saves chicks from coccidiosis

- • • • feeds away coccidiosis problems, helps develop lifetime immunity
- • • • fights secondary infections
- • • • improves feed conversion

This year there's something new to look for in chick starters . . . it's bīfuran. Choose a chick starter with bīfuran and you'll eliminate both cecal and intestinal coccidiosis . . . help birds develop immunity that lasts for life.

What's more . . . bīfuran goes on to fight vitality-sapping secondary infections that show up throughout a bird's life — infections that weaken chicks and stunt growth. It helps you control infections early to produce more profitable layers.

Speeds chick growth

Bīfuran offers another bonus benefit. It improves feed conversion . . . helps chicks make better use of feed. It puts your chicks on the way to becoming better pullets . . . helps them grow faster on less feed, with more vigor — gets them ready to be better layers.

Completely safe . . . non-toxic

As one of the new lifesaving nitrofurans, bīfuran is gentle on all birds. It's non-toxic . . . completely safe for all poultry. Can even be fed to layers for lifesaving results. Unlike some medications, bīfuran does not harm egg quality, shell texture, hatchability and fertility.

Positive Coccidiosis control

This year don't worry about coccidiosis. Just be sure your chick starter contains bīfuran. You'll get sure and safe coccidiosis control — plus other lifesaving bonus benefits.

Ask your feed dealer for a starter feed with bīfuran. Check the tag on the feed you buy. *Coccidiosis fighting bifuran appears on the tag as nitrofurazone .0055% and furazolidone .0008%.* Together, these two disease-fighting ingredients are known as bīfuran . . . the best coccidiosis protection you can buy in a bag of feed.

YC-7-8

bīfuran

Appears on the feed tag as nitrofurazone and furazolidone.

One of these lifesaving nitrofurans

germ killers that last

HESS & CLARK, Inc.

Ashland, Ohio

Anything on this or any other page may be reprinted with permission from and credit to FARM AND RANCH

FARMING AHEAD

THE LATEST FIRST—FOR THE SOUTHEAST

Champion Small-Flock Sheepman in Virginia is M. F. Whitaker, of Washington County. His average income per ewe was $45.58, tops in the state's "returns per ewe" contest.

Larger Federal Land Bank Loans on better farms are now possible, with recent changes in appraisal standards. Loan limit is now $200,000 instead of $100,000. Interest rate depends on rate bank must pay investors on its bonds and the cost of operation.

Redbine 58, a new double-dwarf early-maturing variety grain sorghum, is adapted to late planting when early moisture is not available. It's dependable for grain production under adverse conditions. Seed available for '57 planting.

Big Problem in Planning participation in Soil Bank can be getting adequate and reliable information from county ASC offices, judging from reports from some farmers. "Misinformation from county ASC cost me over $400," laments one Oklahoman. And "I've been unable to get reliable information from my local ASC office," complains a Montana farmer. What's your experience?

On March 2 state ASC committees can ask for surplus Soil Bank money from other states for a particular crop. Farmers who have previously applied to put excess acres of the allotted crop into the bank may get to. Landlords and tenants are required to share the Soil Bank payment on same basis they share in the crop involved.

Corn Supply for marketing year ending Sept. 30, 1957, probably will be about 18% above 1950-1954 average. Price of corn and other feed grains may be lower in late spring and in summer compared with 1955-1956. But much depends on '57 crop prospects and government policy on disposal of surplus grains.

The Spotted Alfalfa Aphid, villain of Western alfalfa fields, is now threatening much of the Southeast. It was reported last year from Mississippi to Kentucky to Virginia, apparently can now show up almost anywhere alfalfa is grown. It can be controlled with insecticides (Toxaphene, Parathion, Diazinon, Thiodan, Malathion and others) but control is difficult.

"Vertical Mulching," a modified kind of subsoiling, is showing promise in Indiana for prolonging beneficial effects of subsoiling in soils which tend to seal over soon after subsoiling is done.

Procedure is to blow large amounts of chopped forage into the deep slit made by subsoiler, filling it with organic matter so that deep channel into soil is maintained until organic matter decays; water continues to penetrate into the channel.

Idea might work on some Southeastern soils to get water absorption into soil where effects of ordinary subsoiling don't last long enough otherwise.

Guthion, a new cotton insecticide, is now officially recommended for weevil control in most areas. It has approval for control of both resistant and non-resistant weevils; Guthion plus DDT also controls bollworms.

Recently-announced Cuts in Acreage allotments for fire-cured and air-cured tobacco make it more certain that some tobacco-state Congressmen will try for more liberal Soil Bank provisions for tobacco growers.

There's better than a 50-50 chance that Acreage Reserve rates for tobacco will be increased by several cents a pound, but not before planting dates.

Edisto, a new cantaloupe by the S.C. Exp. Sta. is expected to meet growers' demands for a better market melon. S.C. horticulturist Dr. M. B. Hughes warns that further testing is needed to prove it, but the melon looks like an excellent trucking variety as well as a good yielder. Limited amounts of seed available this year.

A Definite Resistance of some boll weevils to insecticides has been established in tests conducted by Miss. Agri. Exp. Sta. Results indicate that weevils in the hill counties (of the state) as a whole are still susceptible to chlorinated hydrocarbon insecticides such as toxaphene, endrin and dieldrin. But in the tall-cotton Delta counties, some weevils were distinctly resistant at all dosages. Copies of the complete report available from the state's Experiment Sta., at State College. Similar proved resistance was found on only one farm in Southeast outside state of Miss.

POWER to lighten every load

(including the load on your budget!)

New Dodge *Power Giant* V-8's develop a full 204 hp. on *regular* gas—up to 31% more power than competitive makes! With *extra* power in reserve, your big Dodge V-8 won't strain under heavy loads. The engine works less . . . wears less . . . needs far fewer repairs!

Top performance. You enjoy passenger-car pep in traffic, on hills!

Easiest to drive. Exclusive push-button automatic transmission*! Tightest turning, easiest steering!

Most payload. You can haul up to 73% more in your Dodge pick-up!

Top styling. New hooded headlights, new chrome-sweep grille, new alligator hood, new colors.

Drive a Dodge *Power Giant* V-8 or 6 today! And get your Dodge dealer's deal before you decide to buy *any* truck!

**Available on all low-tonnage models.*

Take your choice of Dodge farm stakes. Four body sizes—7½', 9,' 12', 14'. Max. G.V.W. from 4,500 lbs. to 21,000 lbs.

New DODGE *Power Giants*

WITH THE *FORWARD* LOOK

MOST POWER OF THE LOW-PRICED 3!

New man-made drug

STARVES mastitis germs

PEN-FZ controls stubborn mastitis even where "wonder drugs" have lost their punch

Don't be without this common-sense mastitis control. Revolutionary nitrofurazone in Pen-FZ kills germs by making them starve themselves to death. Penicillin attacks "strep" infections. Get 2 free tubes when you buy 10.

Profit, too, from these animal health aids

- **CALF SCOUR TABS** prevent losses from scours and pneumonia.
- **WARFARAT with Animal Protein Lure**—a deadly temptation rats can't resist.
- **POL** dehorns calves . . . fast, safe, sure.
- **SKP** liquid scours fighter can save your calves.
- **UDDER OINTMENT** soothes, heals.

Look to your Dr. Hess dealer for all your animal health needs.

those lifesaving **nitrofurans**

germ killers that last, from . . .

HESS & CLARK, Inc.
ASHLAND, OHIO

PC-6-5

Use d-CON as directed and

GET RID OF RATS AND MICE FOREVER!

You don't have to be an expert — anyone can use clean, odorless d-CON!

Don't gamble with the 27 dread diseases known to be carried by rats and mice. End property loss, food contamination and risk of fires caused by these vicious rodents. Follow simple directions and d-CON is safe to use around children and pets yet so effective it rids your property of rats and mice forever! Get d-CON today! Stop rat disease and destruction NOW!

d-CON with LX3-2-1 works where traps and poisons fail

Rats are smart. As soon as one or two are caught in traps or killed by poison, the rest of the rat colony becomes bait-shy. Because d-CON is odorless, tasteless, and causes no pain, rats and mice never realize that d-CON with LX3-2-1 is causing their death.

d-CON IS GUARANTEED TO RID YOUR PLACE OF EVERY RAT AND MOUSE IN 15 DAYS— OR MONEY BACK.

Get d-CON at drug, grocery, hardware, feed or department stores.

Livestock Letter

the Latest-First

RATIO OF CATTLE TO PEOPLE during past 25 years has varied from 50 to 62 cattle per 100 people. Present ratio is 50 to 100. If present population trends continue, livestock production in U.S. will have to be increased 45% by 1975, says John King, N. Mex. Extension economist.

MILK FROM COWS TREATED FOR MASTITIS with antibiotics, such as penicillin, must not be placed on market until 72 hours after treatment, warns A. M. Meekam, Texas Extension dairy husbandman.

COOLING SYSTEM FOR GILTS AND SOWS during summer can increase size of fall litters, Okla. trials show. Sows having access to mist sprayer under open shade produced 2.35 more pigs per litter than a similar group of sows kept in open shade without spray.

UP TO $300 MILLION YEARLY to compensate livestock producers who voluntarily reduce cattle numbers or grazing periods below authorized limits is provided in a bill introduced in Congress by Sen. Arthur V. Watkins, Utah. Bill places limit of $10,000 annual compensation to one individual, with no payment on private land areas less than 30 acres. Bill would permit stockmen to participate in grazing reserve program similar to the Acreage and Conservation Reserve programs for producers of basic commodities.

SURPLUS OF DAIRY PRODUCTS this year will probably be no larger than in '56. It may well be smaller, since prospective increase in milk output is below actual increase of past year. Prices will continue above a year earlier through March, says USDA. Level of supports will influence prices after Apr. 1.

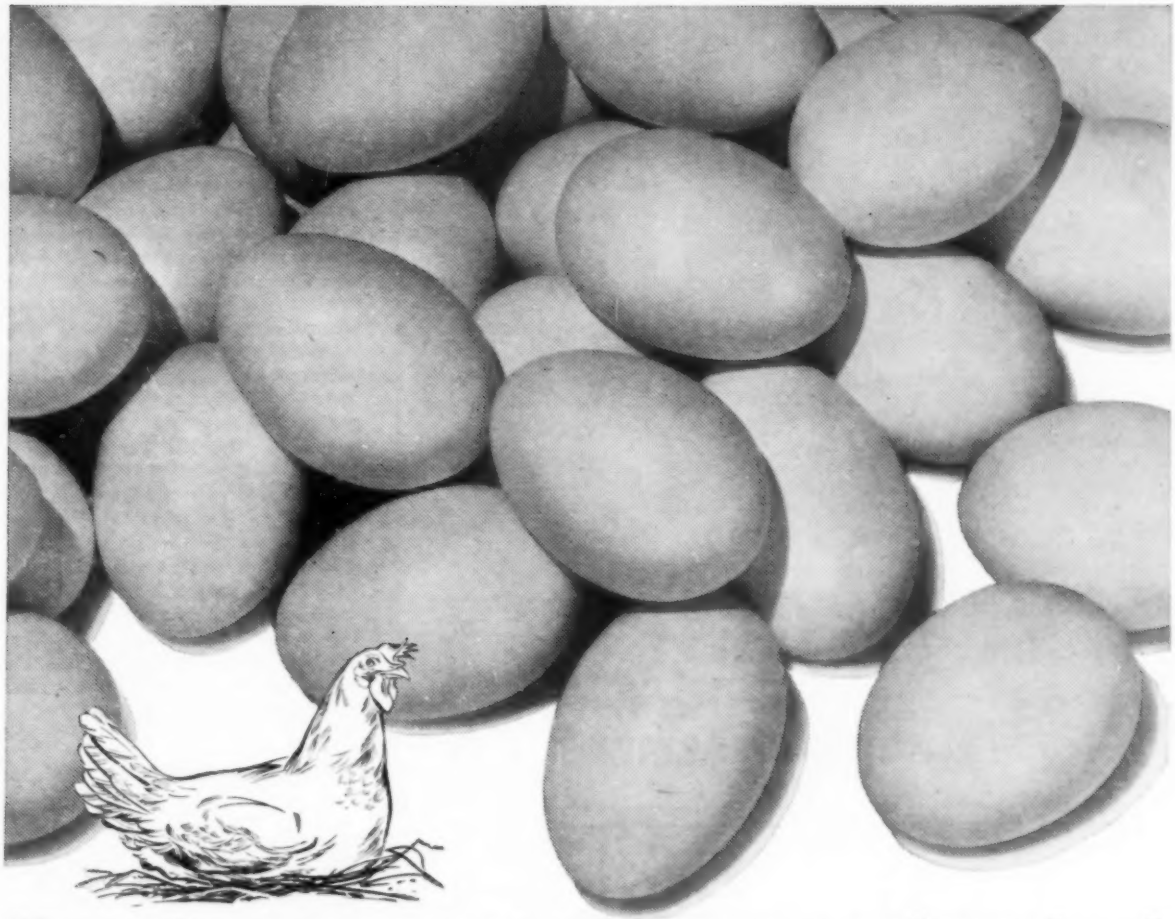
MORE THAN 50% OF THE VETERINARY CALLS on dairy farms in one big dairying state in 1956 were for non-infectious diseases...ketosis, breeding problems, weak calves, bloat, etc. Most of the problems could have been prevented by better feeds and feeding methods.

A LOT OF CATTLE ARE STILL ON FEED. On Jan. 1, the number was 4% more than on same day a year ago. Big corn supply still means a lot of beef from feedlots.

But cattle slaughter continues to run at record rates. Signs are that it'll soon be easing off, however, rising again by early summer. One uncertain factor: Will widespread drouth continue?

A lot of herds have already been liquidated. But if prospects for spring and summer pasture continue dim in much of Southwest and West, there can still be emergency sale of tens of thousands of drouth-area cattle, pushing spring markets down.

Cattle cycle may have reached its peak. If widespread drouth continues, there'll probably be fewer cattle this year than last. Plentiful rains, however, will bring restocking of range areas, and upswing of cattle population.



Hens lay more eggs, longer, on less feed when feeds contain Aureomycin

The continuous feeding of a good layer feed containing the *right* amount of AUREOMYCIN can mean extra dollars for farm flock owners.

This widest-range antibiotic — by eliminating harmful bacteria in a hen's system — promotes health, vigor, egg production and hatchability.

AUREOMYCIN steps up production even if your layers are already consistent high producers. It is particularly effective in up-grading low producers — in bringing hens out of laying slumps — in keeping the level of egg production up in the presence of such diseases as blue comb and CRD.

In a trial on a poultry farm, 1,000 White Leghorn hens were divided into 2 groups of 500 each. One group got AUREOMYCIN in the mash, the other didn't. Over a year's period, the group fed AUREOMYCIN produced 1,800 *more* dozens of eggs. At 35c per dozen eggs, that meant an EXTRA RETURN — including the cost of AUREOMYCIN — of $400, or $80 per 100 hens.

Ask your feed manufacturer or dealer for LAYER FEEDS containing the *right* amount of AUREOMYCIN. Keep your layers on AUREOMYCIN for top results! American Cyanamid Company, Farm and Home Division, 30 Rockefeller Plaza, New York 20, N. Y.

Good layer feeds with AUREOMYCIN provide you with:

More eggs over a longer period.
More *early* and *late* season eggs.
More eggs per 100 lbs. of feed.
More eggs in the presence of disease.
More eggs in times of stress.
More chicks from increased hatchability.

CYANAMID

AUREOMYCIN® CHLORTETRACYCLINE ...for more dollars from more eggs

TRACTOR EASY Scraping

Cleans feedlots
Removes snow
Backfills and levels
Opens drainage ditches
Builds and Maintains:
Driveways and roads
Terraces
Irrigation ditches and borders

Low-cost earth moving and barnyard clearing — that's what every owner of an Allis-Chalmers CA, WD or WD-45 Tractor gets with this new 6-ft., tractor-mounted scraper. And it's hitched or unhitched quickly with the tractor's SNAP-COUPLER hitch.

The scraper is easily and quickly adjustable (without use of a wrench) 5 ways: 1. Blade can be angled into 13 positions. 2. Pitch of blade is adjustable. 3. Blade can be tilted, to either side. 4. Blade is reversible for bulldozing and backfilling. 5. Scraper is hydraulically lifted or lowered, as illustrated.

Scraper has curved, 14-in. high moldboard with replaceable cutting edge. Moldboard can be extended to 9 ft. with two 1½-ft. extensions. End plate attachments are also available to fit either extension or regular 6-ft. blade.

Ask your Allis-Chalmers dealer about this new scraper or write to Allis-Chalmers for free illustrated literature.

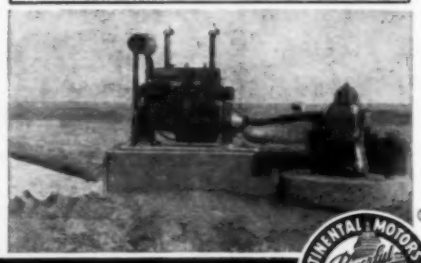
SNAP-COUPLER is an Allis-Chalmers trademark.

ALLIS-CHALMERS, FARM EQUIPMENT DIVISION, MILWAUKEE 1, WISCONSIN

ALLIS-CHALMERS

IF YOU'RE FARMING WITH YOUR FINGERS CROSSED, YOU NEED RED SEAL POWER

There's been a big, big change since the day when all you could do was sow your crops and hope for the best. Modern irrigation systems—gasoline, Diesel, LPG—end your weather worries, and pay out over and over in better crop quality and high yield. Continental Red Seal irrigation engines span a broad range—33 to 280 HP—and include models engineered expressly for irrigation systems of all types and sizes. See your Continental dealer NOW about the Continental-powered system tailored to YOUR NEED.



Continental Motors Corporation
MUSKEGON, MICHIGAN

CONTINENTAL MOTORS — Powerful as the Nation — AMERICA'S STANDARD

LIVESTOCK

How to profit with fall lambs

THE completion of two years of work at the Fort Reno Experiment Station in Oklahoma, involving problems connected with commercial lamb production, supplies ranchers and farmers with some answers to their problems. Since many sheep producers prefer fall-dropped lambs, studies of breeding during the spring, gestation during the summer and lambing in the fall were started in 1955.

The effect of temperature on ram performance was part of the studies. Since the normal time to mate sheep is in the fall or cool weather, spring mating has proven unsuccessful for many producers. Pairs of rams were kept in a cooled den from early morning until late afternoon, while half-brothers or more closely related rams were allowed to have shade but no cooling.

Temperature Drop Essential

In 1955 an evaporative cooler was used, but it lowered the temperature only three to eight degrees. A refrigerated air cooler was put to use in 1956, lowering the temperature 10 to 20 degrees. The rams were turned in with the ewes each evening and removed the following morning before the ewes went to pasture. Breeding began about May 20 and continued for 48 days.

One hundred of the ewes on test were grade Rambouillet, and 100 were one-fourth Panama and three-fourths Rambouillet backcross. Both groups were mated to yearling Dorset rams. Outside temperatures ranged from 97 to 100 degrees during the latter part of the breeding period. Score for cooled rams was 129 ewes settled in 1956, compared to 111 for the uncooled ones, and 14 more twins for the cooled ones, much improvement over 1955 results.

Effect of Shearing

The studies, run by Joe Whiteman, Richard S. Pittman and K. F. Brown, revealed that late shearing of the ewes to change body temperatures would affect the number of lambs dropped. Half the ewes in the 1956 tests were shorn on April 7 and the other half on May 12. Six more of the late shorn ewes conceived, while the number of ewes twinning more than doubled (16 to 36).

The lambing percentage of the two groups were compared with the grade Rambouillets. They showed 77 percent lamb crop in 1955, compared with 48 percent for the RxPR backcross ewes. In 1956, it was 79 percent lamb crop for the backcross and 106 percent for the Rambouillet ewes.

The ewes at Fort Reno grazed small pastures and traps near headquarters during the spring and summer and wintered on wheat pasture with their lambs. The lambs were creep-fed chopped alfalfa hay and sorghum grain (one-third to two-thirds mixture). Lambs were sold at 90 pounds.

Whiteman and associates conclude that the shearing time of the ewes, the kind of ewes and the temperature at which the rams are kept, all play an important part in the size of the lamb crop obtained where fall lambing is preferred. —*Tom Milligan*

Another use for sprinklers

THE novel but practical idea of preventing frost damage to truck crops by coating the plants with water—which then freezes into ice—requires some planning for satisfactory results.

Some experts say that a minimum water application rate should be 1/10- to 1/8-inch per hour per acre, as measured in cans between sprinklers. At this rate you'll use about 60 gallons a minute. This quantity of water should be applied continuously from the time temperature drops to around 34 degrees at plant level, and until all the ice is melted off the plants in the morning.

Some farmers use a thermostatic set-up to announce temperature drops. Inexpensive switches are placed in the field at plant level and wired to a bell alarm in the house. The switch is set to close the current at 34 degrees. That gives time to get out and put the irrigation system to work before the freezing point is reached.

If this system is not used, do the unpleasant thing of getting out about every 30 minutes to check temperature during nights when frost is expected. But use a good thermometer. Variation of a few degrees in temperature reading because of a faulty thermometer can cost you a crop as well as not having the irrigation system in condition for immediate use. —*H. L. Gantz*

Your acres make more money when irrigated with CONCRETE PIPE

You can do a better irrigation job with a concrete pipe system because *it's underground!* You don't waste valuable acreage on unlined, hard-to-care-for ditch systems. You save valuable water as well. For example, a test by Texas Technological College engineers showed that one 1250-ft. ditch lost $1400 worth of water a year through seepage and evaporation.

A concrete pipe system permits precise irrigation control. It's easy to give any crop the exact amount of water needed.

A concrete pipe system reduces labor costs. Fewer men irrigate more acres per day. There's no back-breaking shovel work.

A concrete pipe system ends weedy ditch problems. There are fewer places to breed weed seeds and insect pests.

Farmers and ranchers who have used concrete pipe irrigation systems find that this method stabilizes their farm operations and gives them bumper crops regardless of weather. Yes, your acres make more money with a concrete pipe irrigation system. Mail coupon for helpful free booklet, *"Irrigation with Concrete Pipe."* Literature is distributed only in the United States and Canada.

CLIP COUPON AND MAIL TODAY

PORTLAND CEMENT ASSOCIATION
Dept. A3-74, 33 W. Grand Ave., Chicago 10, Ill.

A national organization to improve and extend the uses of portland cement and concrete . . . through scientific research and engineering field work

Please send free booklet on concrete pipe irrigation systems and (list subject):

Name

St. or R. No.

City *State*

Amazing 100 Year Old Gypsy Bait Oil

MAKES CATFISH Go Crazy!

"I am enclosing pictures of 2 different catfish we caught using Gypsy Fish Bait Oil on our bait. One fish my brother is holding weighed 8½ pounds and the other one weighed 7¼ pounds. We fish the Fox River near Mineral Springs, Ill., where we have a summer cottage."
Miss Dorothy Gribing
6052 S. Fairfield
Chicago 29, Ill.

MYSTERY SCENT EXCITES FISH FEEDING BY SMELL

Fishing scientists are just learning what wandering Gypsies knew 100 years ago . . . many kinds of the most wanted fish such as catfish, bull heads, carps, snappers, are "smell" feeders. Gypsies invented this amazing scented oil formula that excites these fish through the thousands of the tiny smell organs covering their bodies. A whiff while feeding and these fish streak madly for your bait. They all fight over it and usually the largest fish wins. Just dab mystery scented Gypsy Fish Bait Oil on your bait . . . fish lakes, rivers, creeks, ponds, or the ocean . . . still fish with pole and bobber, cast, troll or spin . . . if yours isn't the biggest smell feeder catch in the entire party, your money back. Say we're crazy. Be skeptical as you like. But let us send you the DOUBLE STRENGTH GYPSY FISH BAIT OIL to try at our risk.

Fish "On Approval"—Send No Money

Send for the new DOUBLE STRENGTH GYPSY FISH BAIT OIL (double size) for $1.98 or 3 for $4.98. On arrival deposit your money plus C.O.D. postage thru postman. Cash orders sent prepaid. If you don't catch at least 300 smell feeding fish (big ones too) before all the Gypsy is used up return empty bottle for money back.

FREE! Handy water-resistant fisherman's pouch for matches, lunch, tobacco, etc. included free to keep even if you return empty bottle. Accept this friendly challenge. Write today to

WALLING KEITH CHEMICALS, INC.
Dept. 174-C Birmingham 1, Ala.

DOLLAR GARDEN

Outstanding Offer Made to Increase Our Customer List

FOR 10c

4 REGULAR 25c PACKETS
One each of the following

TOMATO - Giant Beefsteak, Home Garden Favorite. Bright red smooth fruits. Shy Seeder. **ASTER** - Giant Shaggy-Mixed Colors. **PETUNIA** - Large Flowered Dwarf Single Mixed Colors. **ZINNIA** - Giant Hybrid Large Flowered Mixed Colors. Send 10c in coin for this big $1.00 value and we will include 1967 Seed & Nursery Catalog. **FREE**

CONDON BROS. SEEDSMEN Dept. 43 Rockford, Illinois

You-can-do-it

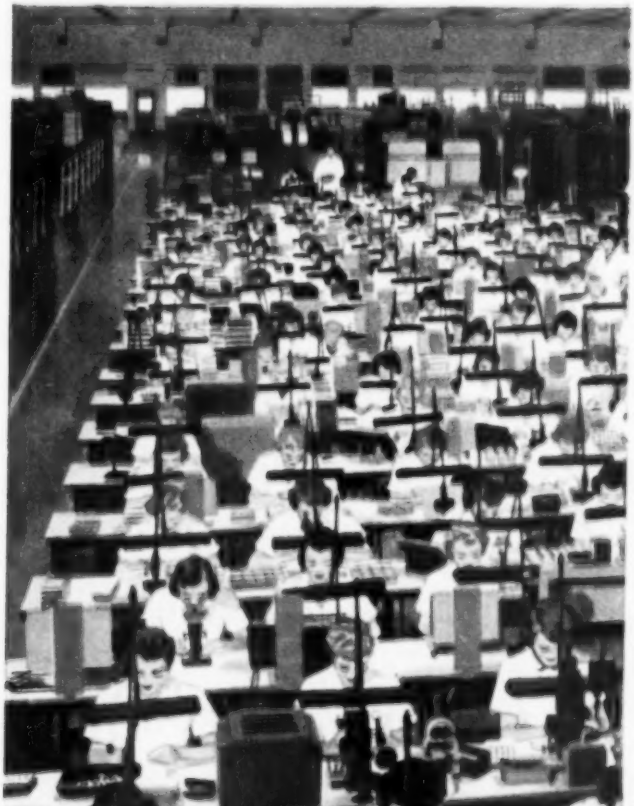
SHOP-BUILT SHORT-CUTS

Hog scalding rig on the D. W. Hester farm, near Russellville, Ala., is simply a long lever attached to a bar with four prongs curved to fit into the scalding vat. To operate, you roll the hog from the scraping table onto the metal frame and lower it into the hot water. After the carcass is scalded, a quick downward thrust on the lever dumps the hog back onto the scalding table.—*Frank Waddle*

This carrier-type block and tackle is used by L. U. Nowlin, Denton County, Texas, to lift his milk cans. Pulley is also used for weight to hold lid of cooler open when not in use. —*Norris Jackson*

This exterior molasses tank gives extra working and storage space in feed building owned by Peterson Brothers of Justin, Texas. Molasses flows directly into mixer inside building. Outside tank is no disadvantage because the brothers claim that the molasses would freeze inside the building as quickly as in tank outside.—*Norris Jackson*

SNOW WHITES ... and the countless dwarfs

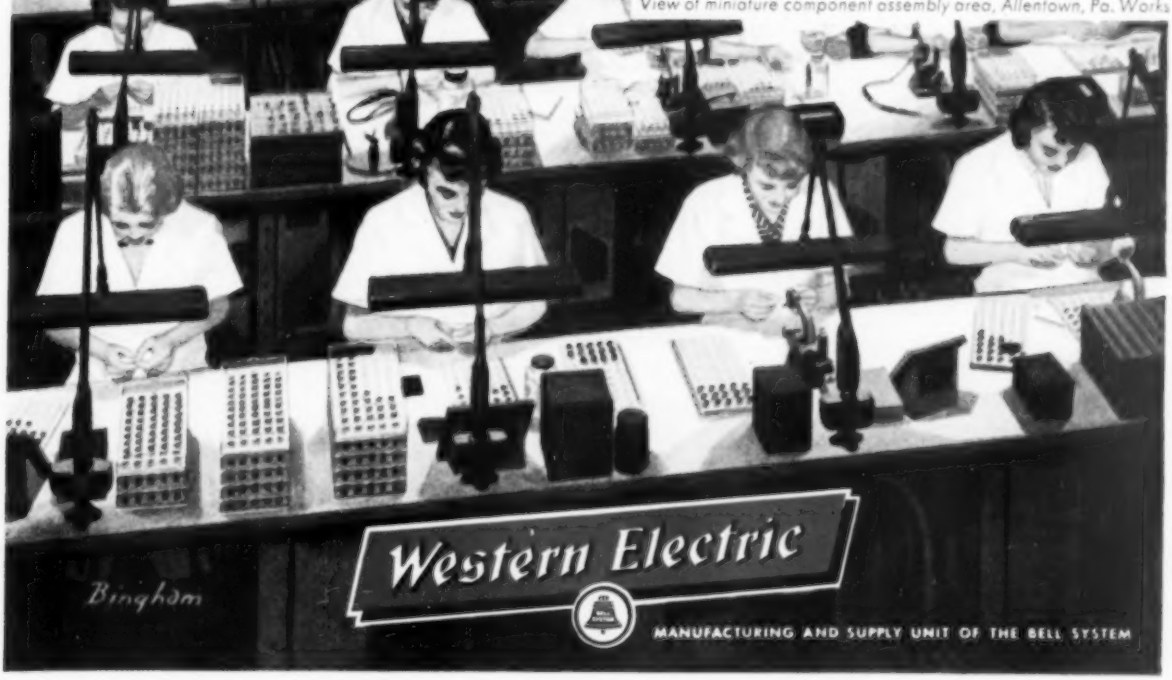


Their smocks are lint-free, snowy white. And with nimble fingers these Western Electric girls fashion bits of wire, plastic and glass into "electronic dwarfs" which tomorrow will help to speed your voice over telephone wires. Dust is an enemy here and perspiration, too. So temperature and humidity are controlled and the filtered air is kept at a pressure higher than outside. Thus, foreign particles can't come in when doors are opened.

Why such precautions? Because a touch of moisture or a fleck of dust could shorten the life of the tiny "dwarfs"—miniature electron tubes, thermistors, transistors, and many others. They *must* be made under hospital-clean conditions for their job is to help handle your telephone calls *without fail.*

Western Electric always takes special care in making Bell telephone equipment whether dwarf components, telephones for your home or dial switching apparatus. It is no accident this equipment works dependably year after year . . . we plan it that way. We are a part of the Bell System and so we are interested—just as your Bell telephone company is—in providing you with good, dependable telephone service.

View of miniature component assembly area, Allentown, Pa. Works



Western Electric

MANUFACTURING AND SUPPLY UNIT OF THE BELL SYSTEM

NEXT BEST THING TO PUSH-BUTTON

Cultivating with a

You have finger tip control of one, two or three independent hydraulic circuits.

You have selective control of front cultivator rigs to finish out point rows. Outfit shown here is the new "520" with Two-Row Cultivator.

The 2-3 plow "420" Series Tractors have many special features to make cultivating easier. Here is the tricycle model with big-capacity four-row cultivator.

NEW CUSTOM POWR-TROL

offers you

Delayed Lift . . .

Selective Lift . . .

Down Pressure

for faster, easier cultivating

You've no idea how much easier it is to do good work at cultivating time until you've handled a new John Deere Tractor and Cultivator in the field. For the first time, you'll come in from a long day without tired arms and shoulders, without a sore back or a stiff neck. That's because John Deere has taken all of the hard work out of hooking up the cultivator . . . all of the muscle work out of operating the rigs singly or in unison . . . all of the fight out of steering . . . all of the strain out of watching the rows.

Truly, cultivating with a John Deere is the next best thing to push-button farming—and your John Deere dealer is eager to prove it to you. See him soon.

John Deere Cultivator Features:

Quik-Tatch—on or off in ten minutes or less, without hard work. ***Clean Design*** with no obstructions to interfere with view of work. ***Fully Adjustable*** for crops grown in 28- to 42-inch rows; for good work in any soil condition. ***Fully Adaptable*** with your choice of ten rear rigs for 3-point hitch or rockshaft control. ***All-Around Clearance*** insures good work in tall, bushy or broad-leaf crops. ***Fast, Positive Dodge*** speeds up cultivation, prevents crop loss. ***Special Equipment*** to meet every need.

John Deere Tractor Features:

Custom Powr-Trol provides individual or simultaneous control of right, left, and rear cultivator units. ***Advanced Power Steering*** saves effort every minute at the wheel. ***Roll-O-Matic Front Wheels*** provide surer-footed operation, cut front-end bounce in half. ***High, Centered Seat Location and Tapered Fuel Tank*** give you an unexcelled view ahead and to either side from a natural relaxed position. ***Float-Ride Seat*** absorbs field shocks and greatly increases operator comfort. ***Roomy Platform*** lets you stand at will. ***Hand Clutch*** keeps you in complete control of the tractor while seated or standing.

FARMING...

John Deere

With New Delayed Lift, *you raise both front gangs at the headland while rear rigs finish out the row ends as shown here. This is the new 4-plow "620" Tractor with John Deere Four-Row, Quik-Tatch Cultivator. Note its clean design—there are no push rods to interfere with your view and it's easy to mount the tractor from the front. Effortless power steering, knee-action front wheels, and the most restful, shock-absorbing seat ever put on a tractor are other outstanding features that make better cultivating easier with a John Deere.*

Investigate the liberal John Deere Credit Plan—the easy, convenient means of paying for a new tractor while it earns profits for you.

ASK ABOUT THE JOHN DEERE CREDIT PLAN

6 Power Sizes...30 Basic Models

Every One Is NEW...in Looks...in Performance...in Value

"320" SERIES "420" SERIES "520" SERIES "620" SERIES "720" SERIES "820" DIESEL

SEND FOR FREE LITERATURE

JOHN DEERE • Moline, Ill. • Dept. S10

Please send free information on the tractors checked below and matching cultivators.

☐ "420" SERIES ☐ "620" SERIES
☐ "520" SERIES ☐ "720" SERIES

Name_____ ☐ STUDENT

R.R._____ Box_____

Town_____

State_____

JOHN DEERE

JOHN DEERE

"WHEREVER CROPS GROW, THERE'S A GROWING DEMAND FOR JOHN DEERE FARM EQUIPMENT"

By BOB NICHOLS

Water Rights or Water Wrongs?

Do your state's water use laws measure up to modern demands?

THERE's a saying in some arid areas of the Western states that the quickest way to get rich is to be a lawyer, and get to handle a few water rights lawsuits.

At any rate, water—and who gets it—is the subject of many costly legal hassles in the arid and semi-arid West, where it has always been scarce.

Now, water-use headaches are developing in the humid Southeast, too. Not so many years ago, our only worry about water east of the Mississippi river was what to do with too much of it. But something new has been happening. Water is becoming as important—and sometimes as scarce—as land.

You Never Miss the Water . . .

Take the case of the Cherry Creek watershed in South Carolina, for example. There, the town of Gaffney for years had been using the creek as its source of town water. But when farmers downstream began needing a lot of water for irrigation, there wasn't enough for all users. The farmers had to stop irrigating or take legal action against the town.

South Carolina's water use law which affected the Cherry Creek problem is based generally on the common law of riparian rights, which holds that you have a right to use water from a surface body of water only if you own land touching it. The same common law is the general basis for existing water use laws in all Southeastern states.

Neighbor vs. Neighbor

Industrial and municipal uses take up a lot of water, of course. And when you or your neighbors start thinking about irrigating crops from surface sources—rivers, lakes or streams—you, your neighbors and nearby towns and industries become competitors for a water supply that may not be as plentiful as you thought. The creek which kept running all summer a few years ago can dry up fast this year when several heavy users start pumping out of it.

Then your state's water use laws—which may have been good enough a few years ago, when water wasn't so important—may suddenly become inadequate. Water use laws of the Southeastern states were written in a day when there was plenty of water for everybody. With few exceptions, they haven't been brought up to date for highly competitive water use conditions.

That's why every farmer has a big stake in his state legislature's action—or *(Continued on page 42)*

Service Station on Wheels *saves time and money*

"FILLING STATION" for servicing farm machinery in the field without waste of time is shown here with Robert Smith of Ritzville, Washington, and Texaco Consignee Paul Meyer.

ROBERT and VERNON SMITH operate a 1280-acre wheat farm. They developed this "service station on wheels" for fast fueling and lubrication of machinery during field work. It carries two 150-gallon tanks, one for Fire Chief gasoline and the other for Diesel Chief fuel. Most important, it has an air compressor for lubrication, complete with long hose and fittings. These brothers know the value of constant lubrication – their machines are greased regularly with MARFAK.

In addition to having a plentiful supply of MARFAK on the field truck, their farm headquarters shop has for eight years been fully stocked with other Texaco products.

Progressive farmers like these, *everywhere*, have found that *it pays to farm with Texaco products.*

FRISKY "HAY BURNER" held by B. V. Montgomery of near Eaton, Ohio, is admired by Texaco Consignee H. J. Miller (second from right), who provides Mr. Montgomery with Fire Chief gasoline and always *dependable, on-time* farm service for other Texaco products.

IN TOWN OR ON THE HIGHWAY—wherever you drive—in all 48 states – you'll find Texaco Dealers *serve you best.* High octane Sky Chief gasoline, super-charged with Petrox, to assure maximum power and cut engine wear... famous Fire Chief gasoline at the *regular* price, both 100 per cent *Climate-Controlled.* Also Advanced Custom-Made Havoline Motor Oil and Marfak lubricant.

ADVANCED CUSTOM-MADE HAVOLINE MOTOR OIL wearproofs truck, tractor and car engines – gives added power, longer engine life, greater gasoline mileage. No other oil can match it, *regardless of price.* J. T. Pitts, San Benito, Texas, gets Havoline and other Texaco products from Texaco Consignee A. L. Dodson.

ON FARM AND HIGHWAY IT PAYS TO USE

TEXACO

PRODUCTS

DIVISION OFFICES: Atlanta, Ga.; Boston 16, Mass.; Buffalo 9, N. Y.; Butte, Mont.; Chicago 4, Ill.; Dallas 2, Tex.; Denver 3, Colo.; Houston 2, Tex.; Indianapolis 1, Ind.; Los Angeles 15, Calif.; Minneapolis 3, Minn.; New Orleans 16, La.; New York 17, N. Y.; Norfolk 2, Va.; Seattle 1, Wash.

Texaco Products are also distributed in Canada, Latin America, and Africa.

TUNE IN . . . Metropolitan Opera radio broadcasts every Saturday afternoon. See newspaper for time and station.

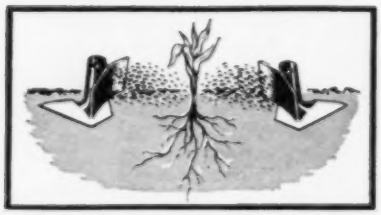
THE TEXAS COMPANY

BETTER FUEL HANDLING

Here's the most useful pump on the farm. Operates on skid tanks or drums for rapid servicing of cars, trucks, tractors and other working equipment, on the job—in farmyard or distant fields. Handles any petroleum liquid. Pumps up to 20 gallons a minute. Continuous delivery. High suction. Hose or spout outlets. See your oil company or your Tokheim representative today!

General Products Division
TOKHEIM CORPORATION
1642 Wabash Ave. Fort Wayne 1, Ind.
Factory Branch: 475 Ninth St., San Francisco 3, Calif.
In Canada: Tokheim-Reeder, 205 Yonge Street, Toronto

NEW LANTZ SWEEPS COVER WEEDS IN THE ROW



Eliminate root pruning and throw dirt where you want it

Ideal for both first and last cultivation. Patented sweep deflector on Lantz Row Sweeps throws dirt farther in a more uniform flow—even covers weeds and grass between hills in the rows. Faster cultivating speeds are possible because sweeps can be set farther from row—preventing root pruning. Fit all leading tractor cultivators. Adjust dirt control with simple twist of shank. Proven effective shallow cultivation for corn, soybeans and other row crops. Extra yield from one acre will more than pay for your Lantz Row Sweeps. Send coupon for special field report folder.

Lantz Manufacturing Company, Inc.
Dept. 104-A, Valparaiso, Indiana
Please send me special field report folder and other illustrated literature on the sensational new Lantz Row Sweeps.
Name ----------
Town and State ----------
My favorite Farm Implement Dealer is ----------

COASTAL in the cornstalks

How to convert from crop to grass in a hurry

FOLKS down in South Carolina have taken to the idea of starting Coastal Bermuda in early corn, and have found it's a good way to get the Coastal established in a hurry. Here's how they do it:

Preparing the land as usual for corn, at usual planting time, they use the regular corn planter to open a water furrow and drop the corn. The covering device is left off the planter, however. And the corn isn't planted as thick as usual.

Then a mechanical grass planter, with the furrow opener removed, follows between the rows. Thus, the Coastal Bermuda is planted and the corn and grass covered at the same time, by the grass planter.

The grass is cultivated as the corn is cultivated. Usual practice is to push a little soil over the young grass, so that natural competition is minimized. Fertilizer, applied to the corn at planting and as a side dressing, takes care of the fertilizer needs for the Coastal, too, until the corn is removed.

Taking the corn off early, as silage, gives the grass a better chance to grow without competition in late summer.

How well the system will work depends on rainfall and competition from weeds, of course. It can depend on soil type, too. In lighter soils, areas which have plentiful rainfall during the corn growing season are most favorable to the practice.

Dr. A. D. Weber honored by Agricultural Editors

Dr. Weber receiving the Distinguished Service Award from retiring President of the American Agricultural Editors' Association, Thos. J. Anderson, Editor of Farm and Ranch. Herschel D. Newsom, left, Master of the National Grange, and Earl Butz, Assistant Secretary of Agriculture, offer their congratulations.

DR. A. D. Weber, Dean of Agriculture at Kansas State College, Manhattan, Kansas, was recently presented the American Agricultural Editors' Association Distinguished Service Award.

The award is presented annually by the Editors' Association, representing most of the farm papers of the nation, with a combined circulation of almost 20 million subscribers. The award is given in recognition of outstanding service to American agriculture and country life.

Dr. Weber has risen to be one of the nation's leading authorities on livestock. He probably is best known to the general public as a livestock judge, being the only American to judge the fat steer classes of the International Livestock Exposition, a task he has performed the last nine years.

How to knock out BITTERWEED

BEST way to control bitterweed, say some agronomists, is to regulate pasturing so it'll never get started. At any rate, overgrazing pastures does give this pesky weed—common in the Carolinas and some other states—its big opportunity to take over. Good pasture management—including mowing and generous fertilization—sets it back, but not always enough.

Troublesome though bitterweed is in pastures, it can be brought under control with chemicals. South Carolina experiments have shown that young bitterweed plants are quite susceptible to 2,4-D. The state's expert on weed control, Dr. W. B. Albert, of Clemson College, concludes that the practically complete control of the weed in pastures is possible. Cost for materials and labor can be nominal. Dr. Albert estimates that large scale elimination of bitterweed would cost about 50 cents per acre for the chemical.

Apply Control Early

Tests in South Carolina indicate that bitterweed in pastures may be controlled with 2,4-D applied well in advance of the usual cotton planting dates (to avoid killing cotton with drifting spray from the 2,4-D). The material can be used after cotton is planted if proper precautions are taken. Important advantage of early application, however, is that bitterweed can be destroyed before the plants have made much growth and taken up much moisture and plant nutrients.

Recommended rate for control of bitterweed is one pint of 2,4-D amine per acre, applied up to the time seed formation begins. Later application should be made only if these precautions are observed:

1. Use low pressures and use nozzles designed for weed spraying.
2. Don't spray when the wind is blowing toward sensitive crops.
3. Thoroughly clean equipment used for spraying before using in crops sensitive to 2,4-D.
4. Use amine formulations of 2,4-D, or, at least, low-volatile esters.

More news on cutters from Servis

New

E-60. Finding its Gyro cutters sturdier than necessary for many jobs, Servis introduces this 60" gear-driven clipper. Light weight, yet guaranteed to cut tough, 1½" brush. Pull and lift models. Sells for considerably less than the heavy Gyro models.

New

SC-80. Introduced to some territories late in '56, this new belt driven, twin-bladed, rotary mower cuts 1" brush — on an 80" swath. May be offset up to 32" outside rear tractor wheel. Very economical to operate.

New improvements in famous Gyro line:

Famous Gyro cutters, which shred brush up to 3" thick, now offer fan-type suction blades to lift stalks off ground. Also available, new ribbed rear skirt to raise stalks back up into path of blades. Re-positioned stationary blade and a front guide plate are other improvements that give superior shredding.

Write today for illustrated folder

Servis EQUIPMENT CO. DALLAS, TEXAS

Servis Equipment Company Dept. RM
1000 Singleton Blvd.
Dallas, Texas
Please send me information on _____
Name _____
Address _____
City _____ State _____
Type Tractor Owned _____

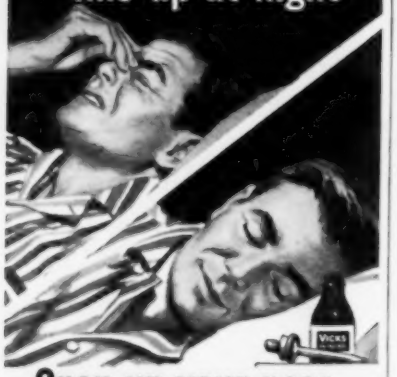
Make pay dirt pay more . . . join your soil conservation district

robber rat dies
when you
warfarin-ize

WISCONSIN ALUMNI RESEARCH FOUNDATION

LOOK FOR **warfarin** ON THE LABEL . . .
WORLD'S GREATEST RAT AND MOUSE KILLER

When your nose fills up at night—



Open up your nose—

BREATHE AGAIN -SLEEP AGAIN!

Stop tossing and turning on those nights when a stuffed-up nose keeps you from falling asleep. Use Vicks Va-tro-nol® Nose Drops! A few drops up each side of your nose, as directed in package, and... your nose opens in seconds. You can *breathe* again!

Nothing works like Vicks Va-tro-nol Nose Drops to open a stuffed-up nose. Use it! Breathe again! Sleep again!

VICKS VA-TRO-NOL
NOSE DROPS

FREE to the hard-of-hearing!

REGULAR $2.00 VALUE

Free one-year subscription to introduce the new magazine about hearing problems

The publishers of *Better Hearing* Magazine want you to discover the inspiration of reading how others have found happiness and success by solving their hearing problems. Invaluable to anyone who wears, or *should* wear, a hearing aid. (Many *think* they need a hearing aid and find they *don't*.) Already nearly a million readers. To receive free subscription, send name and address of hard-of-hearing person to: Editor, *Better Hearing* Magazine, Dept. 22P, 445 Park Ave., New York 22, N.Y. No charge, no obligation to renew.

FEMALE HELP WANTED

$23 WEEKLY for wearing lovely dresses supplied to you by us. Just show Fashion Frocks to friends in spare time. No investment, canvassing or experience necessary. Fashion Frocks, Dept. X-3090, Cincinnati, Ohio.

Water Rights or Water Wrongs

(Continued from page 38)

lack of action—on water use problems.

Every Southeastern state has formed a citizens' water study committee. Some of the committees have completed reports — with recommendations for legislative action. Others expect to have reports ready for public and legislative attention soon.

One of the model reports is *Water in Georgia*, prepared by that state's Water Use and Conservation Committee, in 1955. You can get a copy of it from the State Soil Conservation Committee, Agricultural Extension Service, University of Georgia, Athens. Another is South Carolina's *Water Policy for South Carolina*, a report of the state's Water Policy Committee, submitted to the general assembly of South Carolina in 1954. The committee also submitted, in 1955, detailed recommendations for revisions and clarifications in the state's 100-year-old water use laws.

The citizens' committees of several other Southeastern states have completed similarly comprehensive and detailed studies of the water use problems and needs of their states. Although each of the committees has watched the methods and results of other states' work, each committee has tailored its conclusions and recommendations for its own state. Obviously, that's necessary. Although the problems are similar, details of how to solve them can't be the same in any two states.

Two states—Mississippi and Virginia—last year enacted broad legislation to define and clarify water use limitations. The two states thus provided what were probably the most modern water rights laws in the Southeast.

Mississippi's new laws are considered the most comprehensive water use legislation in the Southeast. Virginia's laws — though modernized— may yet need further elaboration and strengthening. In that state, recent surveys indicate that even such abundant sources as the Potomac River, in its upper channel and its tributaries, may not be able to meet all the agricultural, industrial and municipal demands on it in the near future.

North Carolina's 1951 legislation, which requires permits before irrigating from a stream or lake, is modern. And adequate protection for the water supply of towns is assured. But it isn't very comforting to irrigation farmers—even if they have permits. That's because the permits can be re-

COMPLETELY NEW AND AUTOMATIC
BIG 48-CUP ELECTRIC PERCOLATOR COFFEE URN

GIVEN TO YOUR CHURCH OR GROUP WITHOUT 1c COST!

Amazing! Just add cold water and coffee, turn switch and watch it perk. Brews 48 cups automatically. I'll send this Percolator to your group **in advance**, with a supply of my famous flavorings. Have 10 members sell only 5 bottles each, and it is yours to keep! Take up to 60 days; we give credit. **Write Now for Complete Details FREE!** Rush name and address for my exciting Plan which gives your group this new Percolator and other valuable equipment or adds many dollars to your treasury — sent **free**, no obligation.
ANNA ELIZABETH WADE, 2338 Tyree St., Lynchburg, Va.

GIANT *Fringed* PETUNIAS

WAVED and RUFFLED MIXED
4" to 5" blooms in gorgeous solid and variegated colors, deeply fringed, beautifully veined. Send only 10c for (150 seed) regular 50c packet and Big Seed, Plant & Nursery Catalog. CATALOG FREE
R. H. SHUMWAY Seedsman, Dept. 412, Rockford, Illinois

QUICK CASH— FULL OR PART TIME AGENTS
No Experience Required—No Money Risk

Make Pay Day Every Day Selling Big Line Food and Household Products, Greeting Cards, Jewelry, Novelties. Fast Selling Premium and Combination Deals. Best Quality, Low Prices. Big profits. Send No Money, Write for Particulars and Sample Leading Product FREE.
J. W. GIBSON COMPANY
Dept. 709 Indianapolis 6, Ind.

RUPTURE-EASER
(A Piper Brace Truss)

Double... 5.95
Right or left Side $4.95
No Fitting Required
Pat. No. 2008551

A strong, form-fitting washable support for reducible inguinal hernia. Back lacing adjustable. Snaps up in front. Adjustable leg strap. Soft, flat groin pad. No steel or leather bands. Unexcelled for comfort. Also used as after operation support. **For men, women, children. Mail orders give measure around the lowest part of the abdomen and state right, left side or double.** We Prepay Postage except C.O.D.'s.
PIPER BRACE CO.
811 Wyandotte Dept. FR-37 Kansas City 5, Mo.

STOP asthma agony..
Use Dr. Guild's Green Mountain
CIGARETTES OR COMPOUND

Jesus NEVER FAILS

WORLD'S ON FIRE
SERVE THE LORD AND EARN

Spread the Lord's word everywhere. Take orders from friends, others for gorgeous, golden, tinselled Religious mottos for homes, stores, etc. Sell amazingly fast at 50c each. Many buy 5 or more.
SEND NO MONEY Just your name, address. We ship you 24 different, richly decorated motto pieces on trust. When sold send us $6. Keep balance for yourself. Total profit per set $2.40. Write now.
MOTTOS $726 NORTH BROADWAY Dept. B-234, CHICAGO 40, ILL.

SENSATIONAL TIRE SAVINGS!
Fine Quality Used Tires! Not Recaps! Goodyear, Firestone, etc.
Written 18 Mo. Guarantee Bond!

600-16	$5.24	750-16 (8)	$10.60
670-15	5.44	750-20	12.95
710-15	5.64	825-20	19.05
760-15	5.64	900-20	18.55
800-15	5.94	1000-20	19.50

FREE TUBE with ea. pass. tire!

Free Price List of All Other Tire Sizes!
(SHIPMENTS RUSHED! Send chk. or M.O. Prices FOB, Phila.)
BELMONT, 1001-F Spring Garden, Phila. 23, Pa.

BIG TOMBSTONE

MARBLE $17.95 UP
Genuine Marble and Granite Memorials of lasting beauty. Variety of styles and designs. Freight paid. Satisfaction guaranteed. Free catalog.
American Memorial Co., Box 128 Dept. No. A39, Atlanta 19, Ga.

voked if they "interfere" with institutional or municipal water supplies.

The citizens' committees studies and recommendations in the other states are good starts toward the new legislation most of them feel their states need. But it takes more than studies. Although the recommendations of the Georgia and South Carolina committees were submitted several years ago, neither state had completed any legislative action before this year. Unless their general assemblies act during the current session, both states will still be lacking modern water use legislation.

The 1955 Georgia assembly, however, showed its interest by taking one decisive and far-reaching step. It created a Water Law Revision Commission to submit final recommendations to the 1957 assembly.

It isn't just a problem of surface lakes and streams. Most underground water sources are shared by several users—and may be exhaustible, too. In a rural, farming section near Nashville, Tennessee, a huge, new office building now under construction may draw its big water supply through wells from a limited underground "pool." Under present Tennessee law, there's nothing to prevent exhaustion of the "pool" by the biggest user—the office building—leaving none for the many neighboring farmers who depend on it for their water supply.

It's also a problem of surface water pollution—and of rights affecting "diffused" surface water, running downhill through no particular channel after a rainfall.

They're all problems which the water study committees are asking their state assemblies and legislatures to solve by complete new laws.

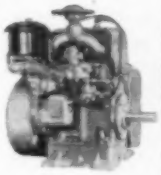
Assemblies being what they are, action may sometimes be slow and uncertain. What they do or don't do is important to you, as a crop farmer, because:

- **It affects your investment and success with an irrigation system** when you install one. And it can even affect your supply of household and livestock water. Better *know* what the law is before you invest.

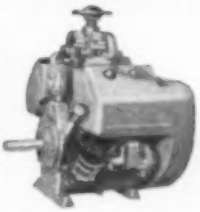
- **If your state doesn't have adequate water rights laws,** you're involved. It's in your interest to find out what's being done, and what needs to be done. Work with your local Soil Conservation Service on Soil Conservation District, or farm organization, or county agent, to find out. Ask your own state representative or assembly member what's being done. If there's any heel-dragging, or impending threat to *your* interests, find out about it now. It can save you a lot of headaches later.

Background for Farm Progress...

WISCONSIN-
powered equipment



New Holland Model 166 self-propelled baler, discharging bales to the side. One Wisconsin 2-cyl. Engine provides power for ground travel; a second engine operates the automatic baler.



McCormick self-propelled windrower, working in flax. Drive wheels have narrow tread for safe and easy highway transport. Powered by V-type 4-cylinder Wisconsin Engine.

This Model 130 Case "top-lift" baler carries the bale right up to the bed of the trailer truck, saving both time and back-breaking labor.

Advancements in mechanized farm equipment, a few typical examples of which are shown here, are among today's important contributions to better farming, with less labor, at a better net return to the farmer. And this is where Wisconsin Heavy-Duty Air-Cooled Engines also play an important part.

No greater recognition could be received than the basic fact that these rugged, all-weather engines have been selected as standard power units on much of the equipment produced by the world's leading builders of farm machinery. The engine must of necessity match the reputation both of the equipment builder and his machines... in terms of *reliability* and *performance*.

By the same token, the universal acceptance and enthusiastic endorsement of Wisconsin Engines by thousands of farmer-users constitute a recommendation that cannot be surpassed . . . backed by more than 2,000 Authorized Wisconsin Service Stations in the United States and Canada as well as in 82 foreign countries.

As an active shareholder in Modern Farm Progress, you can help to increase and safeguard the productive capacity of farm land and manpower by specifying "Wisconsin Power" for your equipment. Write for Wisconsin Engine Bulletin S-195.

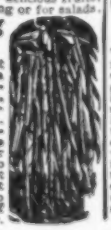
MOST H.P. HOURS

WISCONSIN MOTOR CORPORATION
World's Largest Builders of Heavy-Duty Air-Cooled Engines
MILWAUKEE 46, WISCONSIN

Special Offer--All 4 for Only 10c

Climbing Tomato
SAVE GARDEN SPACE
Enormous Fruits, perfect in form. Thick, **solid and delicious flavor.** Weigh from **1 to 3 lbs.** each. Attain a height of 12 to 15 feet. Bears large quantities of very delicious fruits. Fine for slicing or for salads.

Yd. Long Beans
An excellent variety and a very **interesting curiosity.** Vines are rampant growers. Produce an **enormous crop** of long slender round pods, 2 to 4 ft. long, that are of excellent quality for snap beans. Are of very fine flavor.



Vine Peach
Ripe fruit in 80 days. Resemble oranges, color, shape and size. Grow on vines like melons. **Beautiful, tempting** appearance when canned. Make delicious **preserves, sweet pickles.** Fine for pies or jelly. Easy to grow.

New Climbing Cucumber
Vines climb readily on fences, poles, etc. saving **valuable space** in small gardens. **One hill** will keep a good sized family **supplied all summer.** Bear early and continue to produce fruit throughout the season. One plant will bear from forty to fifty fruits. **Delicious flavor.** To introduce our **catalog** of **rare and unusual** seeds we will mail **all 4 Pkts.** for only **10c and 4c Postage.**

Tested Seeds

Special Offer To Introduce Our Spring Catalog 12 Pkts. for 25c and 6c Postage
E. J. MURVON SEED CO., Dept. 17 NORWALK, CONN.

Enjoy Relief from Constipation *without*

LAXATIVE HANGOVER!

Hours after original relief many laxatives start working again, bringing distress and discomfort. Others cause painful cramps and griping, disrupt *normal* regularity, make you *feel* constipated when you're not!

You suffer none of this "laxative hangover" with Dr. Caldwell's Senna Laxative. Dr. Caldwell's contains no harsh drugs. Its extract of Senna is one of the finest *vegetable* laxative products known. Gives gentle, *natural-like* relief of temporary constipation. Get Dr. Caldwell's today!

DR. CALDWELL'S
SENNA LAXATIVE
Contained in Pleasant-Tasting Syrup Pepsin

READING GLASSES THAT MAGNIFY

WEAR THEM ON 10-DAY TRIAL

FREE Included free—special chemical cloth to clean glasses quick.

Read small print by wearing these Precision Eye Glasses! Wear like ordinary spectacles. ***They give you a magnifying glass for both eyes at the same time.*** Get new pleasure out of reading newspapers, magazines, Bible, or doing fine needlework. Read telephone books with ease. Throw away that clumsy magnifying glass. Not for prescription or corrective purposes but designed to make small print look bigger.

***NOW!* PRECISION GROUND GLASSES ONLY $3.98**

Precision Eye Glasses are especially made for folks over 40 who don't wear spectacles regularly for reading, but can't read small print without squinting or using a magnifier. Expertly ground and polished lenses mounted in sturdy frame of brown simulated zynolite; fit all heads. Handsome as costly spectacles.

SEND NO MONEY!

Send name, age and sex today. We'll send you a pair of Precision Eye Glasses C.O.D. for $3.98 plus postage charges. Wear 10 days. If not delighted, return glasses for immediate refund of purchase price. If you send $3.98 with order, you save postage and C.O.D. charges. Same money-back guarantee. Start enjoying your reading—order your pair TODAY.

BIG PROFITS FOR YOU!... Sell Precision Eye Glasses to friends, fellow-workers and neighbors. Ask for Money-Making Plan.

ZEVEX OPTICAL CO., 5726 BROADWAY
DEPT. A-304 - - CHICAGO 40, ILLINOIS

LAW ON THE FARM

Warn of danger

ON A two-thousand-acre farm in Bolivar County, Mississippi, a cotton picking machine was in need of repair. A farm equipment mechanic from a nearby town undertaking this work found the head of the picker had been removed and left in the doorway of the barn while the framework had been put on a tractor 30 feet away.

He had been urged by the owner of the farm to hurry, and worked until midafternoon on the head, then gave his attention to the framework and straightening the arms. These were operated by five heavy coil springs. Without checking, he assumed that these springs had been released as the head of the machine was off. When he removed some of the parts, these springs were released and his arm was crushed by the picker arm.

In the lawsuit by this mechanic against the farm owner for the owner's negligence in failing to release these springs, the Circuit Court of that county decided in favor of the farmer. On appeal, however, this decision was reversed. In ordering a new trial, the Mississippi Supreme Court said, of the duty of the owner of the farm to warn this mechanic of the danger, that the rule of law that an employee cannot recover damages for injuries from the thing he is hired to repair, relates only to ordinary risks of the work.

"It is the duty of the employer to warn and instruct his employees," said the court, "as to defects or dangers of which he knows or ought, in the exercise of reasonable care and diligence, to know and of which the employee has no knowledge, actual or constructive."—*A. W. Gray*

"Here's my gum, but I want it back at three o'clock."

Quick Relief for

COLD SUFFERERS

STANBACK's medically proven formula of several fast acting pain relieving ingredients is remarkably effective in relieving common cold discomforts and reducing fever—STANBACK also relieves pains of HEADACHE—NEURALGIA—and SORE ACHING MUSCLES that accompany colds. TABLETS OR POWDERS.

Snap Back with

AMERICAN and IMPORTED LANDRACE BOARS and BRED GILTS
Purebred — Registered

FOR SALE

Get an early start on the popular trend toward the NEW meat-type HOG, by crossing your sows with purebred LANDRACE BOARS. Their production is amazing and you will get premium prices for your hogs. Our gilts are from IMPORTED STOCK AND REGISTERED.

MONTROSE PLANTATION
Centerville, Miss.
ANGUS CATTLE — LANDRACE HOGS

AN OUNCE OF CORONA is worth a POUND of CURE

Avoid major infections from minor udder-teat injuries with the healing help of comforting Corona. Rubs in—Stays on. Anti-chap. At druggists or direct postpaid, ½ lb. $1.10. Sample 10c. CORONA, Dept. E 11 Kenton, O.

Udderly Perfect! It's Lantiseptic!

CORONA ANTISEPTIC OINTMENT BUILT ON LANOLIN
The MAJOR Ointment for MINOR Skin Injuries & Irritations since 1906

ESHELMAN TRACTORS LOW AS $99

For Better Lawns and Gardens investigate Eshelman Riding Rotary Mowers, Tillers, Tractors. Advertised in GOOD HOUSEKEEPING. Thousands of Satisfied Users. Write for Free Literature.

Dept. 73 ESHELMAN
Balto. 2, Md.

Shipping Points BALTIMORE • CHICAGO • RENO

RIDING MOWER $187.50

TOMBSTONES...
FREIGHT PAID
GENUINE MARBLE and GRANITE
Satisfaction Guaranteed. Prices include lettering and Foot-stone. Catalog FREE.
ALLSTATES MONUMENT CO.
Box 50, Station F, Atlanta, Georgia

$15.00 UP

Country Doctor

A Sore Throat That Isn't

SOMETIMES a sore throat is a lot more than just a sore throat. Mr. T. came to the office complaining of having had a sore throat for a month. He had noted that the pain was especially bad with swallowing and that the discomfort spread out toward the ears.

Examination showed no signs of inflammation behind the tongue, or in the tonsil regions. The ears were also normal. He winced with pain, however, when I felt over the lower part of his neck where the thyroid gland lies. This gland was larger and more firm than usual. The mercury in his thermometer was two degrees above normal.

A diagnosis of inflammation of the thyroid gland, or thyroiditis, was made, and Mr. T. was sent to an X-ray specialist for X-ray treatments over the gland.

Besides X-ray treatment doctors now use several medicines to cure this disease. Antibiotics seem to be of little help, but cortesone and related hormones are helpful.

Thyroiditis is not a common disease, but it happens often enough that the public ought to know that any sore throat that lasts should be studied by a doctor to make sure that it isn't something else.

Leg Cramps

Active men and women beyond 50 years often note cramping in the legs at night. Coming usually in the calves, but occasionally in the thighs or feet, these spasms may be very annoying.

The cause of these attacks is not clearly understood. Perhaps at night irrigating substances are formed in the muscles to cause the cramping. Ordinarily there is no relation to faulty circulation or to varicose veins or phlebitis.

Taking one or two quinine capsules an hour or two after supper will usually prevent these very troublesome attacks.

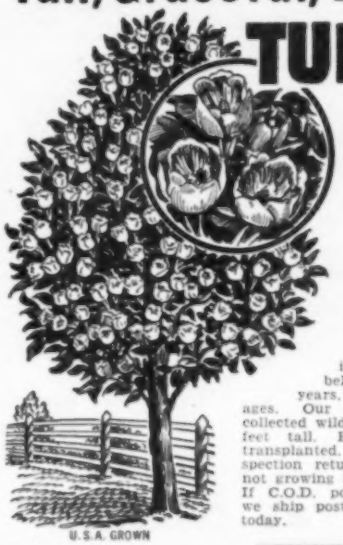
—*R. M. Metcalfe, M.D.*

"The only thing we have against Texas," said the Tennessean, "is that they don't have enough bushels down there to hide their lights under."

AMAZING MONEY SAVING COUPON OFFER!

Tall, Graceful, Early Blooming TULIP TREES

(Liriodendron)



For Spring Planting $1.00 (3 for $2)

Beautify your home and grounds with these tall, stately carefully selected Tulip Trees while you get them for $1 or 3 for $2. They grow normally 4-6 feet yearly, often attaining heights of 80 feet. Make magnificent lawn specimens with shady dense green foliage. Very spectacular with colorful tulip-like flowers when blooming late spring. Hardy within hardwood belt. Mature to age of bearing in only 5-7 years. Vigorous, known to reach 100 year ages. Our U. S. A. grown planting stock is native collected wild . . . 2 to 3 years old . . . already 2 to 3 feet tall. Rooted, certified healthy. Never before transplanted. Fully guaranteed, if not satisfied on inspection return for purchase price refund. Any tree not growing 5 years replaced free. Only $1 (3 for $2). If C.O.D. postage extra. Cash orders add 35c and we ship postage paid. Our final offer. Mail coupon today.

FREE Of Extra Cost

As your reward for prompt orders, we will also send you FREE of extra cost, a beautiful RED BARK DOGWOOD shrub. Grows up to 8 feet high with willow-like leaves. Its beautiful red barked branches are a wonderful sight in winter.

DUTCH BULB IMPORTERS
DEPT. TT-1458
Grand Rapids 2, Michigan

MAIL THIS COUPON TODAY

Dutch Bulb Importers, Dept. TT-1458, Grand Rapids 2, Mich.

Send Tulip Trees as checked below on guarantee I can return for purchase price refund if I am not satisfied on inspection; Also any tree not growing 5 years, replacement is free.

☐ 1 Tulip Tree with Red Bark Dogwood Bonus..... $1
☐ 3 Tulip Trees with 3 Red Bark Dogwoods Bonus..... $2
☐ Send C.O.D. plus postage ☐ Remittance Enclosed
(Add 35c and we ship postage paid)

Name.....
Address.....
City.....Zone.....State.....

The RUGGED PREWITT — FITS ALL TRACTORS

TOUGHEST DIGGER YOU CAN BUY!

No matter how tough the digging the Prewitt Posthole Digger does the job. One-man operated. . . . FORCE-FED auger bores easily through any extreme soil conditions. Easy to operate, simple to mount or dismount. The Prewitt operates from PTO only. Digs up to 5'. Auger sizes up to 12". See your dealer or write for FREE literature and prices.

J. R. PREWITT & SONS
141 Prewitt Bldg., Pleasant Hill, Missouri

WOLVERINE GLOVES

FEEL THAT SOFTNESS

ENJOY THAT COMFORT

Guard your hands with natures tough Pigskins. Wolverine's triple-tanning makes 'em super-soft — comfortable. Soak 'em, they dry out soft. Wear longer, cost you less.

feel that tanned in softness

rockford, michigan

NOTICE TO SUBSCRIBERS

If you are planning to move, please notify us as soon as you learn your new address. In this way you will not miss a single issue of Farm and Ranch.

AUDELS Carpenters and Builders Guides 4 vols. $8

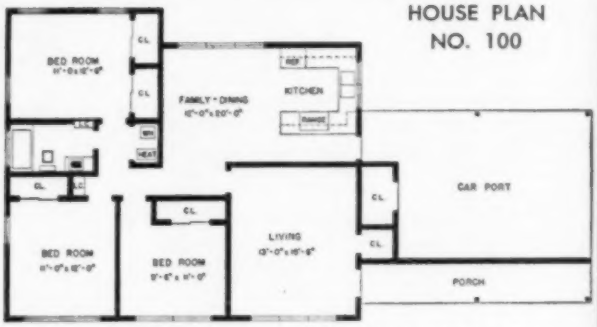
Inside Trade Information for Carpenters, Builders, Joiners, Building Mechanics and all Woodworkers. These Guides give you the short-cut instructions that you want—including new methods, ideas, solutions, plans, systems and money saving suggestions. An easy progressive course for the apprentice . . . a practical daily helper and Quick Reference for the master worker. Carpenters everywhere are using these Guides as a Helping Hand to Easier Work, Better Work and Better Pay. ACT NOW . . . fill in and mail the FREE COUPON below.

Inside Trade Information On:
How to use the steel square—How to file and set saws—How to build furniture—How to use a miter box—How to use the chalk line—How to use rules and scales—How to make joints—Carpenters Arithmetic—Solving mensuration problems—Estimating strength of timbers—How to set girders and sills—How to frame houses and roofs—How to estimate costs—How to build houses, barns, garages, bungalows, etc.—How to read and draw plans—Drawing up specifications—How to excavate—How to use settings 12, 13 and 17 on the steel square—How to build hoists and scaffolds—skylights—How to build stairs—How to put on interior trim—How to hang doors—How to lath—lay floors—How to paint.

AUDEL, Publishers, 49 W. 23rd St., New York 10, N. Y.
Mail Audels Carpenters and Builders Guides, 4 vols., on 7 days free trial. If OK I will remit $1 in 7 days and $1 monthly until $8 is paid. Otherwise I will return them. No obligation unless I am satisfied.

Name _____
Address _____
Occupation _____
Employed by _____ FR3

HOUSE PLAN NO. 100



DIMENSIONS:
Length—61'-0"
Width—33'-0"

Heated Area—1,129 sq. ft.
Porch—96 sq. ft.
Carport—372 sq. ft.

Shed roof shaves costs

By PRICE HOBGOOD

IN DESIGNING FARM AND RANCH Plan No. 100, we attempted to include all of the economy features possible and still have an attractive, well-arranged home. The resillent type floor covering on the concrete slab when combined with the low pitched shed roof will provide a maximum of use, comfort and beauty for the least possible dollar. The sloping ceiling adds a feeling of spaciousness and a look of luxury to the interior.

This home will provide three comfortable bedrooms with a rather large amount of closet space and a conveniently located bath which is easily accessible from the kitchen and bedrooms. The living room can be closed to every day traffic for ease in keeping.

You can order FARM AND RANCH Plan No. 100 for just $2.00. Price includes working blueprints and a list of specifications from which you may figure approximate cost to build. Send your order to Building Editor, Farm and Ranch, Nashville, Tenn. Be sure to state plan number and your name and address.

Modern farms need modern water systems

These days, smart folks know that a *good* water system is a "must" on every farm. That's why they insist on Aermotor Pumps.

They know Aermotor Pumps supply plenty of water at "city-plus" pressures–winter and summer–in the house–out in yard. And they know Aermotor Pumps have reserve capacity to handle all the modern water-using appliances too!

Make your farm a modern one! Insist on an Aermotor Pump for your water system.

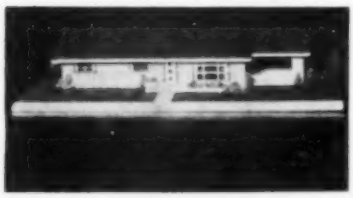
Now! PUMP DEEP WELLS EASILY AND ECONOMICALLY.
The Submersible pumps at depths of 500 feet—has capacities to 860 gallons per hour. Specially designed motor never needs oiling.

Visit your nearest Aermotor Dealer —see the complete line of Aermotor products. Or write for illustrated booklet "How to Choose Your Water System."

AERMOTOR COMPANY
2500 W. Roosevelt Road Chicago 8, Ill.
Dept. FR-3

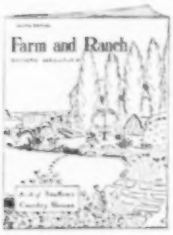
See it before you build it!

MANY of our prospective home builders have told us that they liked a FARM AND RANCH plan, but that they wanted to see the house before they started to build it. We admit when you're studying a plan, it's sometimes difficult to imagine just how a finished home will look. That's why we've expanded our house plan service so that you will now be able to see your home in miniature. You can obtain a realistic placque model of any FARM AND RANCH house plan for just $5.00 postpaid. The one-eight scale model is in color, and beautifully landscaped with imitation flowers and grass. The one pictured



here is House Plan No. 88, which was featured in our March, 1956 issue.

If you are building or planning a home using a FARM AND RANCH plan, you'll want to order your scale model today. Just send your check or money order to: Building Editor, Farm and Ranch, Nashville, Tenn. Be sure to give the house plan number when ordering.



Complete Selection of Plans

If you'd like to see the complete selection of house plans offered by FARM AND RANCH, send for our colorful, fully illustrated Book of Southern Country Homes. In addition to sketches of 56 plans, this book presents page after page of ideas and articles on planning, financing, building and decorating to help you build your home better, easier and with less expense. To order your copy of the Book of Southern Country Homes, send $1.00 to our Building Editor.

View of one of the lawns surrounding the lovely $200,000.00 home of Spurgeon Pickering, owner of Mondo Grass and Nursery Company, on the beautiful beach of the Gulf of Mexico; the entire seven lawns, sidewalk shoulders and neutral grounds are planted solidly in Mondo "Grass," truly one of the most attractive show places of the South.

NOW IS A GOOD TIME TO PLANT
BLUE-GREEN
MONDO "GRASS"

TRADE MARK REGISTRATION APPLIED FOR U. S. PATENT OFFICE

Requires No Mowing—Makes World's Most Beautiful Lawn

Our Blue-Green Mondo "Grass" is described by the U.S. Department of Agriculture as "Ophiopogen Japonicus (formerly called Mondo Japonicus)," is native to Northern China and should withstand severe degree of freezing; drought tolerant, evergreen, commonly called Mondo "Grass."

It is a "grass" relative to the lily with paper thin blades 1/16" wide. This sod-forming EVERGREEN, low-growing oriental genus is currently used by many owners of distinctive homes in America for lawn grass. Now we can offer this exclusive Blue-Green Mondo "Grass" at popular prices.

SO HARDY IT CAN BE PLANTED ANYTIME, it is recommended for beautiful lawns where mowing is not desired. Blue-Green Mondo "Grass" retains its color the year-'round, thrives in shade or sun; extremely hardy, rarely requires watering; fantastically beautiful, drooping low to the ground in weeping style year after year. REQUIRES NO MOWING AND SHOULD NEVER BE MOWED.

Guaranteed to withstand severe freezing or money refunded. Ideal for heavy shaded areas, dry or wet. FREE folder of testimonials and many photos of Mondo "Grass" lawns sent on request.

Mondo is resistant to diseases; insects and animals will not feed on it. Stops erosion; grows compactly, crowding out other grass and weeds; multiplies rapidly, approximately 100 times (10,000%) first year. Enhances property value. So sensational we expect to revolutionize lawn-making. For good coverage first year plant 4" to 12" apart. Numerous rooted blades to sprig.

Planting and culture instructions with each order. Shipped now or when desired. Remittance with order. Shipped prepaid. MONEY-BACK GUARANTEE: If not completely delighted you may return at once for refund. Open account to A-1 rated firms buying 1,000 sprigs or more. FOB. Biloxi. Distributors wanted everywhere.

Order Today . . You Can't Lose!

Sprigs packed in damp moss. Guaranteed to grow or we will replace.

25 SPRIGS $2.98

50 Sprigs	5.00	1,000 Sprigs	$79.00
100 Sprigs	9.00	5,000 Sprigs or more	
500 Sprigs	40.00	Per 1,000	$0.00

Mondo Grass & Nursery Co., Dept. FR, Biloxi, Miss.

Please send prepaid _____ Sprigs of Mondo "Grass," for which I enclose $_____

Name _____

Address _____

City _____ State _____

$500.00 for your CHILD'S PHOTO PAID if used for advertising

BIG DEMAND by national advertisers for photos of infants and up to 18 years. Send ONE small photo for approval and FREE GIFTS offer. Print child's name and address on back. Returned in two weeks. NO OBLIGATION.
HOLLYWOOD AD-PHOTOS, 6087 A N.C Sunset Blvd., Hollywood 28, Cal.

Gloxinia
Beautiful Pot Plants
2 BULBS 25¢

Gorgeous, easy to grow house plants, 3" to 4" flowers, last for months. Exquisite mixed colors. Send only 25c for 2; 50c for 4; $1 for 8. Order now.

Postpaid with big Seed and Nursery Book

R. H. SHUMWAY SEEDSMAN
DEPT. 408 ROCKFORD, ILLINOIS

Lumbermen who depend on horse power...depend on

ABSORBINE

● In the Maine woods, horses can't be beat for yarding logs. And the men who run these operations know there's no liniment for horses more effective than dependable Absorbine.

A finishing rub with Absorbine can prevent lay-offs due to galled shoulders or sore necks. By treating bruises and swellings with Absorbine early, it's possible to prevent a more serious case of ringbone or bog spavin. Does not blister skin. Only $2.50 for large bottle at all druggists.

W. F. Young, Inc., Springfield, Mass.

MAKE MONEY ADDRESSING ENVELOPES
OUR INSTRUCTIONS REVEAL HOW
GLENN GLENWAY BOX 6568 CLEVELAND 1, OHIO

Buy with Confidence . . . and Save Through FARM AND RANCH CLASSIFIED MAILBOX

FREE!
BARGAIN PACKED STYLE CATALOG

Join the millions of families who shop and save by mail from this color-filled catalog. Select from thousands of new styles and finest home items . . . all priced at America's greatest savings and all absolutely guaranteed . . . your money back if you are not delighted.

NATIONAL BELLAS HESS Spring & Summer Catalog
Savings Galore For You & Your Family

SAVE MONEY, SAVE TIME—ACT NOW!

NATIONAL BELLAS HESS
211-33 Bellas Hess Bldg., Kansas City, Mo.

Please send me, free, the new National Bellas Hess Money-Saving Catalog.

Name _____

Address _____

City _____

State _____

there's hustle and bustle and more than that, results—

The Southland is all activity, progress and optimism these days. There's promise and prosperity served Southern style—with loads of hospitality on the side.

The Cherokee is proud to be a part of this modern scheme of things. Proud and humble too—for the heritage of Southerners is a great one. And the CHEROKEE is :

A Southern Enterprise — founded on the premise that Southern agents are best served by facilities designed especially

—For Southern Needs.

CHEROKEE INSURANCE COMPANY

Ask your agent to place your insurance with

CHEROKEE INSURANCE COMPANY

"Dedicated to Dixie"

Fire and Allied Lines — Standard protection — **Nashville, Tennessee**

SHOP at the Country Store

With IRIS DAVENPORT

BRACELET and NECKLACE
BOTH $2.00 TAX INC.

INSPIRATIONAL JEWELRY. Necklace has locket with cross on front, hangs from dainty 16" chain; inside is a copy of the Lord's prayer; next to it you can place a picture of a loved one. Ten Commandments embossed on "open pages" of charm that swings from heavy link chain bracelet. Attractive in gold-color metal. You get both for only $2.00 (we pay postage and Fed. Tax). Order No. 94C for Catholic Version or No. 94P for Protestant.

Walter Field Co. Dept 140, Chicago 6 Ill.

The Litchfield outdoor thermometer is translucent. Light shines right through the chrome plated brass dial rim making it easy to read. The thermometer turns a full 360 degrees. It's rust and corrosion proof. Diameter of dial 4". Overall bracket length 7¾". Price $5.00 ppd. Order from: THE JACON CO., Dept. FR, P. O. Box 525, Centerville, Ohio.

Spare tire carry-all . . . keeps trunk orderly and clean. Ingenious strong plastic cover for spare tire has pockets for tools, flashlight, maps, gloves, polishing cloths, etc. Keeps trunk items ready and handy . . . rattle-proof! Ideal when traveling. Prevents clothes or luggage from getting dusty and scuffed. Fits any size tire. $1.49 ppd. from: THE HOUSE OF SCHILLER, 180 No. Wacker, Dept. 157, Chicago, Illinois.

CONTROL ENGLISH SPARROWS

FOOLPROOF NEW TRAP
Now you can control English Sparrows around your premises when too numerous, with guaranteed "elevator-type" Havahart Trap. Factory built. No resetting, bait lasts for weeks. Humane. Songbirds released unhurt. Low price. **MONEY BACK TRIAL OFFER.** Write today for free illustrated literature!

HAVAHART, 193-R Water Street, Ossining, N. Y.

TWO-TONE REVERSIBLE AUTO SEAT COVERS

- EASY TO INSTALL
- DURABLE, WATERPROOF

$2.98 ea. ppd. or C.O.D.

Made of Flexton — service gauge plastic for long wear, they'll dress up your car's interior and give long-lasting protection to your seat upholstery. Whisk dirt off with a damp cloth. Available in reversible Zebra-Snake Design or Leopard-Cowhide Design. Only $2.98 each for front split, or front or back solid. Set $5.00. Add 25¢ postage or send COD.

10 DAY MONEY-BACK GUARANTEE.

CRYDER SALES
Dept. P-23 Whitestone 57, N. Y.

WHAM-O Sports are FUN!

WAMO MFG CO., Box 93 H, San Gabriel, Calif.

SAVE 75% ON WORK CLOTHES!

SURPLUS STOCK FROM MID-WEST SUPPLY FIRM!
Terrific values you've got to see to believe!

SHIRTS 79c Made to sell for 2.99! Now Only 4 for $2.99

What a buy! 4 for the price of one! These shirts, though used, are washed, sterilized and ready for long, tough wear. In blue, tan or green.
Send neck size, 1st and 2nd color choice.

PANTS to match 99c Sold for 3.95 now only . . . . . 4 for $3.75
Unbelievable Bargains! *Send waist measure and inside leg length.*

COVERALLS . . . wear 'em used and save plenty! Originally 6.95. Now only . . . . . **$2.29** 3 for $6.75
Send chest measurement.

SATISFACTION GUARANTEED! Your money back if you can beat these bargains anywhere! You can't lose so order TODAY for immediate delivery! Send $1.00 deposit on C.O.D. orders. Add 25¢ postage and handling on prepaid orders.

GALCO SALES CO. Dept. 853
7120 Harvard Ave. • Cleveland 5, Ohio

Learn FLOWER ARRANGEMENT

Learn to make Professional corsages, arrangements, wedding and funeral designs. Study and earn your diploma at home. Unusual spare or full time money making opportunities or hobby. Send for FREE booklet "OPPORTUNITIES IN FLORISTRY".

NATIONAL LANDSCAPE INSTITUTE
Studio FR-37, 310 S. Robertson Blvd.
Los Angeles 48, Calif.

Oil News Letter

Free on request. Includes map showing recent successful well completions, new field discoveries, etc. Also drilling wildcats and their progress, oil and gas news items regarding an area that offers you the chance of a lifetime by filing oil and gas leases on U. S. Govt. land.

OIL LEASE SERVICE, INC., Dept. FR
8943 Wilshire Blvd., Beverly Hills, Calif.

MAIL THIS MONEY-SAVING COUPON

100 GLADIOLUS BULBS IMPORTED FROM HOLLAND

only $1.00

If you send this Coupon NOW you can get 100 GLADIOLUS Bulbs, imported from Holland, for only a penny a bulb! These bulbs from the flower center of the world will produce a rainbow of blooms in stunning reds, blues, yellows, pinks, purples, whites, crimson, violet and multicolor. These bulbs are small, blooming varieties already 1" to 1½" in circumference. Any bulb not flowering five years will be replaced! Act now to get these wonderful bulbs in time for spring planting. Limited Time Offer. Send today only $1.00 plus 35c for postage and handling. Orders sent C.O.D. plus postage if desired.

☐ 100 GLADS. $1.00 ☐ 200 FOR $1.94 ☐ 500 FOR $4.50

NAME_____
ADDRESS_____
CITY_____ ZONE____ STATE_____
☐ Cash Enclosed ☐ Send C.O.D. plus postage

DUTCH BULB IMPORTERS • Dept. GP-1458, Grand Rapids 2, Mich.

YOU'LL FIND IT EASY TO DECIDE

SAFER FOOD STORAGE... LESS DEFROSTING

MORE "EASY-REACH" FOOD STORAGE SPACE

RIGID TESTS ASSURE LIFETIME PERFORMANCE

BEN-HUR

America's Finest Freezer

BETTER—BECAUSE IT'S BUILT LIKE THE FROZEN FOOD CABINET IN YOUR SUPERMARKET

Once you see the new Ben-Hur Chest Freezer it won't take you long to decide that it's the most practical, most beautifully styled food freezer made.

Yes, you'll like everything about the new Ben-Hur—its exclusive safety cover latch that cannot accidently lock itself or latch from the inside . . . its big easy-reach storage capacity . . . its handy basket dividers that prevent dropping, spilling or knocking foods to the floor and make it so easy to store and remove food.

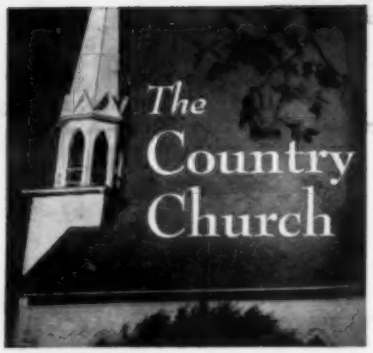
See your Dealer. Learn all about Ben-Hur's complete performance testing . . . extra care in manufacture . . . extra quality in materials—all *good reasons* why you get better performance when you decide on a Ben-Hur.

BEN-HUR

Many models to choose from in Chest, Upright, "Duet" Combinations . . . and the all new Freezer and Refrigerator Built-Ins

the trade name of satisfaction

BEN-HUR MANUFACTURING CO.
Dept. I. 634 E. Keefe Ave., Milwaukee 12, Wis.
Largest Exclusive Manufacturer of Farm and Home Freezers



By Walter R. Courtenay, D.D.

The Winds of March

MARCH is the month of winds. As a boy on the farm I remember how the trees bent, the pines moaned, the eves howled and the clouds scudded. My superiors used to look up at the sky as March approached and quote the old proverb, "In like a lion, out like a lamb. In like a lamb, out like a lion." If March began with high, strong winds it usually ended with quiet ones. If it began with quiet ones it usually ended with strong, blustery ones. March, for me, has always been the month of winds.

With my growth in size, physical, mental and spiritual, I have learned that March brings to me another wind, the wind of God. As spring prepares to crack the ice on northern lakes and wakens the daffodils around our homes, the soul of man feels another wind blowing, the wind of God. It bids us bend like trees before our Father's law and love. It sings to us of far places and tells us stories of creative power.

Liturgical churches that follow a set calendar and place great emphasis on ritual, call this the time of Lent. The word "Lent" is an old Anglo-Saxon word meaning, "springtime." In the church it means God's springtime in the souls of men, the time to plow and plant; our lives need it more than our fields. Lent runs from Ash Wednesday, March 6th, until Easter, April 21, in this year's calendar. It is the time of "Forty Days," commemorating the pre-Promised Land experiences of Israel in the wilderness, and the days our Lord spent in the wilderness.

Whether we call this period Lent or something else does not matter. The important thing is this: Let these pre-Easter days be plow-and-planting days for us; the time when God's mighty wind, the Holy Spirit, stirs the souls of men and bids them be more faithful to their God.

Let's have Salmon

YOU and your family may not observe Lent. Nevertheless you get the question, I'll bet, "When are we going to have salmon?" So-o let's have salmon! There are scores of ways canned salmon can be prepared and it rates in dishes from soup to salads. It also rates high in food value. The least expensive is just as nutritious as the highest priced. Any one of the five varieties of canned salmon can be used in any recipe calling for salmon. Use the entire contents of the can — liquid and bones, as well as salmon —all is good.

Salmon Chowder

4 tablespoons butter or margarine
1 large onion, sliced
1 1-pound can whole kernel or cream style corn
2 cups diced potatoes
1 1-pound can salmon
2¼ to 2¾ cups milk
2 tablespoons parsley (may be dried parsley flakes)
1 teaspoon salt
⅛ teaspoon Tabasco

Melt butter in large saucepan, add onion and cook until tender but not brown. If whole kernel corn is used, drain corn and add liquid to saucepan. If cream style corn is used, add ½ cup water to saucepan. Bring to a boil, add potatoes, cover and cook 10 minutes. Drain can of salmon into a measuring cup. Add enough milk to salmon liquid to make 3 cups, add to potatoes, flake salmon, add to potatoes, then add corn. If dried parsley is used, add now and bring all just below boiling. If fresh parsley is used, add after bringing mixture to boiling point. Add *(Continued on page 55)*

Bake a Bouquet

THESE cookies may look as though they are lots of trouble and take a long time to make. But they are easy and quick to do, especially if you use a basic cookie mix. You know everything is in the mix except the liquid. You can make a variety of cookies from a mix-rolled, refrigerator or dropped cookies, also brownies. Shown here are: Daisies made with rolled cookie mix and topped with tinted sugar and a chocolate morsel; also star cookies with tinted sugar and silver candies; there are brownies, and blackeyed Susans iced with chocolate peppermint frosting and topped with a thimble sized cookie.

Spring Bouquet Cookies

1 14-oz. package cookie mix
½ cup sifted flour
¼ cup water

Put cookie mix into mixing bowl. Add flour and water. Mix with a fork, then knead with the hands until the mixture is blended. Chill 15 minutes. Roll out on lightly floured board or pastry cloth to ⅛ inch thickness—or thinner if desired. Cut with shaped cutters. Place on ungreased cookie sheet. Bake in moderate oven 375° 5 to 7 minutes. This recipe makes 5 to 7 dozen cookies depending on thickness and size.

Basic Cookie Mix Recipe

1½ cups sifted flour
½ cup non fat dry milk
2 teaspoons baking powder
¼ teaspoon salt
½ cup shortening
1 cup sugar
1 egg
1-2 tablespoons water
½ teaspoon vanilla flavoring

Sift flour, dry milk, baking powder and salt together. Cream shortening, gradually add sugar and cream well. Add egg, one tablespoon water and flavoring, beat well. Blend flour mixture into creamed mixture, if needed, add one tablespoon water. Wrap dough in wax paper and chill for 30 minutes. Roll dough out on lightly floured board or pastry cloth to ⅛ inch thickness or thinner if desired. Cut with shaped cutters. Place on ungreased cookie sheet and bake in moderate oven 5 to 7 minutes. This will make 6 to 8 dozen cookies depending on thickness and size.

Daisy Cookies. Cut cookie dough with scalloped cutter. Add few drops of food coloring to sugar, mix well until all sugar is evenly colored. Sprinkle over cookies. Put chocolate morsel in center. Bake as directed.

Black-Eyed Susans. Cut dough with scalloped cutter, with thimble, cut centers for topping cookies, from dough remaining after cutting scalloped *(Continued on page 55)*

Distinctive new General Electric Refrigerator-Freezer

New "Straight-Line" Design!

OUTSIDE. Refrigerator fits flat against wall or square into corner. "Straight-Line" Design gives a new beauty to your kitchen.

New "Touch-Action" Features!

INSIDE. "Touch-Action" puts all foods at your fingertips in the 10-cubic-foot refrigerator section and the 5-cubic-foot freezer.

EVERY line is smooth and straight in this smart new General Electric.

That's why you can set it *flush* against the wall. And by simply hanging wall cabinets around it, you can make it a "built-in" without the expense!

Inside, General Electric's exclusive "Touch-Action" Features put all foods at your fingertips.

A touch of your toe opens the Magnetic Safety Door on the refrigerator. Since it has no latch, it helps protect children from the danger of being locked inside.

See it at your General Electric dealer's. Ask about his easy terms and generous trade-in allowance. Household Refrigerator Dept., General Electric Company, Appliance Park, Louisville 1, Ky.

NOW, EVERYTHING AT YOUR TOUCH

TOUCH . . . and the shelves revolve, putting all the food you want within easy reach!

TOUCH . . . and the freezer rolls out. You see and choose what you want at a glance!

TOUCH . . . and the Magnetic Safety Door opens to the automatic defrost refrigerator.

Progress Is Our Most Important Product

GENERAL ELECTRIC

By IRIS DAVENPORT

MAIN DISH SALADS

NO LONGER is the salad for a woman's world. Maybe the reason is that many men, as well as women and teen-agers, too, are counting calories. Maybe it's that we now make such good, filling, satisfying salads. Maybe it's that men—many of them—are just about "bustin' a button" with pride over the good salads they put together . . . And maybe it's because salads are just downright delicious eatin'! They're quick and easy to make, and they're so eye-engaging and appetite-appealing.

Some salads may be arranged as are the parts of the salad you see in the taste-teasing picture shown here. Then everyone can take what he or she wants and add the dressing accordingly. The serve-yourself salad is an especially good idea if you have a food fuss-budget in your family—you get around his objection without calling attention to it . . . You may mix or toss this salad and let it chill a while before mealtime.

A hearty salad, rolls, milk or hot chocolate and dessert make a noon or evening meal fit for a king and his family.

Hearty Tuna Salad

2 cups cubed cold boiled potatoes
2 cans tuna, drained
¼ cup French dressing
¾ cup chopped sweet pickles
½ teaspoon salt
½ teaspoon monosodium glutamate
¾ cup chopped celery
3 drops Tabasco
¾ cup mayonnaise or cooked salad dressing

Pour 2 tablespoons French dressing on potatoes, toss and let stand in refrigerator 1 hour or longer. In another bowl flake the tuna and add the remaining 2 tablespoons French dressing, let (Continued on page 57)

When you put the "makin's" on the table, everybody can toss his or her own salad.

Bake a Bouquet

(Continued)

ones. Spread chocolate peppermint frosting just to the edge of the scalloped cookies. Sprinkle yellow tinted sugar over thimble cookies and place in center of frosted ones.

Star Cookies. Cut out 3 sizes of cookies, 2-inch, 1½-inch small scalloped cookies and small star ones. Sprinkle the 2-inch scalloped cookies with one color of sugar, the 1½-inch cookies with another color of sugar. Put smaller cookie on top of larger one and top with star cookie. Place a small silver candy in center of star. Bake as directed.

Chocolate Peppermint Frosting

- 1 package chocolate morsels
- 1 tablespoon shortening
- ⅓ cup evaporated milk
- 1 cup sifted confectioner's sugar
- ⅛ teaspoon sugar
- ¼ teaspoon peppermint flavoring

Melt morsels over hot—not boiling water. Remove from heat. Add milk, sugar and salt, beat until smooth. Add flavoring and stir. You can use a cone-shaped drinking cup or a cone made of paper for ease in putting a small amount of frosting on. Put about 2 tablespoons of frosting in cone, fold over top edge, cut a bit off the paper tip. Press down to force frosting onto cookies.

Ed note: If you want recipe for chocolate filled meringuettes and calla lilies, write Iris Davenport, Farm and Ranch, Nashville, Tennessee.

Let's Have Salmon

(Continued)

Salmon Savory

- 1 1-pound can peas
- 1 4-ounce can mushrooms*
- Milk
- ¼ teaspoon Tabasco
- 4 tablespoons butter or margarine
- 2 tablespoons finely chopped onion
- 4 tablespoons flour
- ½ teaspoon dry mustard
- ½ teaspoon salt
- 1 1-pound can salmon

Drain peas and mushrooms into measuring cup. Add enough milk to make 2½ cups. Add Tabasco. Melt butter, add onion and cook until tender, but do not brown. Add flour, mustard and salt, stir until smooth. Add small amount of milk-vegetable liquid mixture. Mix well and add remaining liquid mixture, mix well. Bring to boil, stirring constantly—cook until mixture thickens. Drain salmon and flake. Add it to sauce. Then add peas and mushrooms. Simmer for 5 minutes. Serve over split hot buttered biscuits, toast or waffles.

*½ cup chopped celery may be used in place of mushrooms—but the mushrooms make the dish migh-tee good. If celery is used cook it with the onions.

(Continued on next page)

When your recipes call for corn syrup ...that's Karo!

KARO PECAN PIE

- 1/2 recipe pastry
- 2 eggs, beaten
- 1 cup KARO® Syrup, Blue Label
- *1/8 teaspoon salt
- 1 teaspoon vanilla
- 1 cup sugar
- 2 tablespoons melted butter or margarine
- 1 cup pecan meats

Roll pastry 1/8 inch thick. Line a 9-inch pie pan. Mix remaining ingredients together, adding pecans last. Pour into pastry shell. Bake in hot oven (400°F.) 15 minutes; reduce heat to moderate (350°F.) and bake 30 to 35 minutes longer or until a silver knife inserted in center of filling comes out clean.

*If salted nuts are used omit salt.

Wellston, Oklahoma cook enjoys giving demonstrations

Oklahoma Cook Wins Seventy Awards

Young neighbor Sandra Whitehead and Mrs. S. A. Burrow enjoy an "over the fence" chat . . . and naturally talk about Mrs. Burrow's success in cooking competition! Just last year she won 70 ribbons at three fairs.

Mrs. Burrow counts her prizes by the hundreds, so it's easy to see she's a real expert. And like most expert cooks, Mrs. Burrow advises using Fleischmann's Active Dry Yeast. "It's fast and easy," Mrs. Burrow adds. "And keeps right on my shelf."

Do you know who else likes Fleischmann's Active Dry Yeast? Why practically every prize-winning cook in the country! And these are the reasons why: Fleischmann's Active Dry Yeast is so fast rising, so *easy* to use. It's convenient, too, keeps for months. When you bake at home it's easier to serve yeast-raised specialties with this dry yeast on your shelf. Get Fleischmann's Active Dry Yeast today.

Get the new "Triple-Fresh" Pack

Another Fine Product of Standard Brands Inc.

THE ONLY SAFE WAY TO CAN!

The United States Department of Agriculture says: "The pressure cooker method is the only SAFE method for processing low-acid vegetables as well as meats, poultry and fish."

- Homec-Seal for easy closure
- Combination Pressure Control Weight and Petcock
- Accurate Pre-Tested Steam Gauge
- Anti-Vacuum Valve and Over Pressure Plug
- Aluminum easy-to-clean finish

Presto PRODUCTS

In the 16-quart size, the Presto Cooker-Canner holds 9 pint jars or 13 No. 2 tin cans. 21-quart size: 4 half-gallon jars or ten No. 3 tin cans.

CLUBS, CHURCHES, BIG FAMILIES!
Cook big meals, too! 21-quart model cooks 3 (6-lb.) hams, 8 (4-lb.) chickens, 20 lbs. of potatoes or 56 servings of baked beans.

NATIONAL PRESTO INDUSTRIES, INC.
EAU CLAIRE, WISCONSIN

Presto® *Makers of Presto Cookers, Canners and Control-Master Appliances.*

8 DRESSES ALL FOR ONLY $3.75 USED

MONEY BACK GUARANTEE
Good condition, ready to wear. Price includes all 8 dresses!

FREE GIFT WITH EVERY ORDER!
Send $1 deposit now! Pay postman balance plus C.O.D. and postage. No order accepted without $1 deposit

PEOPLES MAIL ORDER HOUSE
15 HESTER ST., DEPT. FR-37, NEW YORK 2, N. Y.

RUSH 8 DRESSES and FREE GIFT for promptness. $1 deposit enclosed. I pay postman balance plus C.O.D. and postage.

Children's Dresses, 1-6X, 8 for $3.75
Children's Dresses, 7-14, 8 for $3.95
Ladies Dresses, 9-15, 12-20, 38-44, 14½-24½, 8 for $3.95
Extra Large Sizes, 8 for $4.25

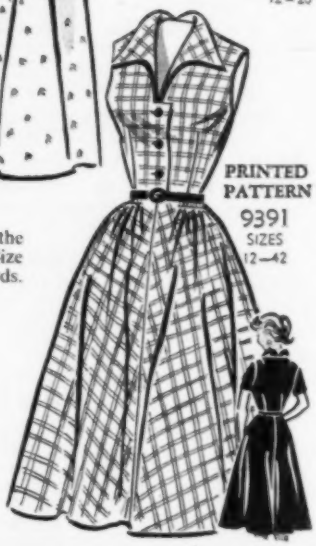
NAME _____
ADDRESS _____
AGE _____ CITY _____ STATE _____
Ladies Size _____ Children's Size _____

March Patterns

9079. This shirt-waist dress assures easy sewing, perfect fit for the larger woman! Women's sizes 36-50. Size 36 takes 4⅞ yards 35-inch fabric; ¾ yard contrast.

4550. This pretty twosome is ideal for summer! The style is so becoming to the half-sizers. Half sizes 14½-24½. Size 16½ dress, 4¼ yards 35-inch; bolero, 1⅜ yds.

9110. Two pretty parts—scooped sundress, cover-up bolero! And so easy to sew! Misses' sizes 12-20. Size 16 dress, 3⅜ yards 35-inch fabric; bolero, 1¾ yards.



4606. Our new printed pattern—perfect for the shorter, fuller figure! Half sizes 14½-24½. Size 16½ takes 3⅜ yards 35-inch; bolero 1⅞ yards.

4865. Favorite step-in for the half-size figure. Half sizes 14½-24½. Size 16½ requires 4 yards 35-inch fabric.

9391. "Go-everywhere" in this shirt-waist dress! Misses' sizes 12-20, 40, 42. Size 16 requires 5 yards 35-inch fabric.

Send thirty-five cents (in coins) for each pattern to: Farm and Ranch, Pattern Department, P. O. Box 112, Old Chelsea Station, New York 11, New York.

Main Dish Salads

(Continued)

stand in refrigerator 1 hour or longer. Mix potato, tuna and all ingredients together. Toss well. Serve on lettuce. Sprinkle with paprika and finely chopped parsley. Makes 4-6 servings.

Baked Bean Salad

- 1 can beans in tomato sauce, drained
- ½ cup cheese, cut in tiny strips
- 1 cup chopped celery
- 3 hard-cooked eggs, coarsely chopped
- 2 tablespoons minced onions
- ½ cup sweet relish
- 4 drops Tabasco
- ¼ teaspoon salt
- ¼ teaspoon monosodium glutamate
- 3 tablespoons mayonnaise

Combine all ingredients and toss well. Chill for at least an hour. Serve on lettuce. Makes 4-5 servings.

Frankfurter Salad

- 6 cooked frankfurters, slice diagonally
- 2 cups diced cooked potatoes
- ¼ cup minced onion
- ½ cup chopped cucumber or celery
- 1 tablespoon prepared mustard
- 3 tablespoons chile sauce
- 1 teaspoon vinegar
- 1 teaspoon salt
- 3 drops Tabasco
- ⅓ cup mayonnaise

Put franks, potatoes, onion and cucumber in bowl. Mix mustard, chili sauce, vinegar, salt, Tabasco and mayonnaise together. Pour over ingredients in bowl and toss well. Serve on lettuce. Makes 6 servings.

Spanish Corn Slaw

- 4 cups finely shredded green cabbage
- 1 cup whole grain corn
- ¼ cup pimiento
- ¼ teaspoon salt
- ½ cup salted peanuts, chopped
- 2 tablespoons minced onion
- 3 tablespoons French dressing

Have vegetables crisp. Mix all ingredients and toss well. Makes 5-6 servings.

Let's Have Salmon

(Continued)

Salmon Bake

- 2 cups bread crumbs
- 1 egg well beaten
- 2 tablespoons melted margarine
- 1 1-pound can salmon
- ½ cup milk
- 2 tablespoons chopped parsley
- ½ teaspoon salt
- ⅛ teaspoon pepper

Put all ingredients except salmon in mixing bowl, mix well. Drain salmon and flake, add to crumb mixture, mix well. Shape into a round loaf, put in a greased baking pan. Bake in moderately hot oven (400° F) 30 minutes. Cut into wedges for serving, garnish with lime slices and pimiento, if desired. Serves 4.

Wouldn't you

advise other women to use TAMPAX?

Friends lose their reticence and speak out with force and conviction about Tampax® internal sanitary-protection. Office workers buttonhole each other; housewives share confidences. Because Tampax deals with a universal feminine problem, women seem to feel they are almost traitors to their own sex if they fail to stress the benefits of Tampax. Said one woman: "I'd tell a friend about it just as I'd tell a savage electric lights are better than oil lamps."

What are the features of Tampax that generate such enthusiasm? Complete comfort. Invisible when in place. No odor. No chafing. No irritation. Does away with cumbersome belts, pins, pads. No disposal problems. No carrying problems. No tub or shower problems.

In fact, in every way Tampax is nicer, daintier, more convenient. Choose from 3 absorbency-sizes (Regular, Super, Junior) wherever drug products are sold. Tampax Incorporated, Palmer, Mass.

Invented by a doctor—now used by millions of women

Three for fun

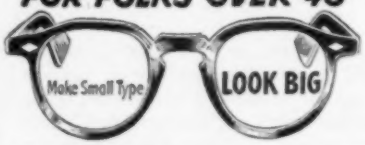
9190. For you who do not like to wear a hat yet want to feel you have one on, here's the answer—and you can make it.

9060. Isn't this a dainty, airy design? Different too, and so attractive. It's one you will find easy to make and many of your friends will want to copy it.

6081. The design of this edging makes a distinctively different tablecloth that is especially appropriate for Easter, but suitable for a cloth for anytime.

These easy-to-crochet patterns are 10 cents each. To order, list numbers wanted, enclose money, and address Woman's Dept., Farm and Ranch, Nashville, Tenn. Be sure to give your name and address.

MAGNIFYING GLASSES
FOR FOLKS OVER 40



NOW,—magnifying lenses for elderly folks who don't wear glasses regularly, who do not have astigmatism or diseases of the eye, and who have difficulty reading newspapers, the Bible and doing fancy work. It's no longer necessary to struggle and squint with an old-fashioned magnifying glass which has only one lens, because Precision Magnifying glasses bring you a magnifying lens for each eye and help stop eyestrain and discomfort. Permit restful reading hour after hour like you never did before. Try them at home on a five day trial plan that leaves no room for doubt.

PRECISION MAGNIFYING GLASSES

A Blessing for Elderly Folks

Lenses are scientifically (not Rx) ground and polished, then fitted into a frame of simulated zylonite. Truly they add to your looks, and, for reading purposes they're wonderful. Complete satisfaction guaranteed. Best order a pair today.

SEND NO MONEY

Just mail name, address and age. On arrival pay postman only $4.00 plus C.O.D. postage. Wear them 5 days, then, if you aren't more than satisfied return for refund of purchase price. If you remit with your order, we ship prepaid, same guarantee. Order from:

PRECISION OPTICAL, INC.
Dept. 174-C Rochelle, Ill.

FALSE TEETH
That Loosen Need Not Embarrass

Many wearers of false teeth have suffered real embarrassment because their plate dropped, slipped or wobbled at just the wrong time. Do not live in fear of this happening to you. Just sprinkle a little FASTEETH, the **alkaline** (non-acid) powder, on your plates. Holds false teeth more firmly, so they feel more comfortable. Does not sour. Checks "plate odor" (denture breath). Get FASTEETH at any drug counter.

BEGONIAS

2 BULBS 25¢

beautiful indoor-outdoor
Camellia Flowered Plants

5 FOR 50¢

12 FOR $1.00

Lowest price. Tuberous type, double blossoms, mixed colors. Easily grown in pots or beds. **Top size bulbs. Order today, postpaid.** Or C.O.D. for $1.00 or more plus charges.

R. H. SHUMWAY SEEDSMAN
Dept. 408 Rockford, Illinois

ARTHRITIS?

I have been wonderfully blessed in being restored to active life after being crippled in nearly every joint in my body and with muscular soreness from head to foot. I had Rheumatoid Arthritis and other forms of Rheumatism, hands deformed and my ankles were set.

Limited space prohibits telling you more here but if you will write me I will reply at once and tell you how I received this wonderful relief.

MRS. LELA S. WIER
2805 Arbor Hills Drive—453
P. O. Box 2695
Jackson 7, Mississippi

Don't Let
CHANGE OF LIFE CHANGE YOU

If you are going through change of life, the loving and loved woman you are today can be a nerve-tortured, impossible-to-live-with person tomorrow. Yet thousands of women who suffered hot flashes and screaming nerve tensions have found the way to enjoy life and peace of mind . . . as Mrs. A. B. Kesner of Chatauqua, Kansas discovered:

"I was so miserable with hot flashes and nerves. Now, since taking Dr. Pierce's Favorite Prescription regularly, I feel like a new person."

So why suffer? Get Dr. Pierce's Favorite Prescription, liquid or tablets, today at your druggist's.

Out of the frying pan into the trap

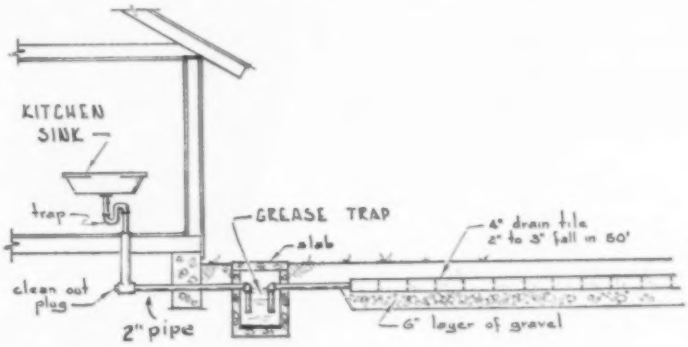
WHY put up with offensive odors from an exposed kitchen sink when you can make a drain at very low cost? According to C. V. Phagan, Extension agricultural engineer of Oklahoma A&M College, you can make one for about $20 to $30, and even less if you make use of materials you might already have on hand.

What you'll need are two lengths of 2-inch pipe with fittings, an old 20- to 40-gallon barrel, enough concrete to make a 4-inch wall about the barrel, 50-feet or more of 4-inch tile drain, 2 cubic yards of gravel and a horseshoe or iron ring for a handle to remove the slab door on top.

Construction is easy. Locate the grease trap 5 to 10 feet from the house, or if the ground slope is sufficient, it could be placed 25 to 40 feet from the house. Longer lines, however, are more subject to stoppage trouble. Using the barrel for the inside form, make the walls of the trap about 4 inches thick. The slab door on top should be the same thickness, and an old horseshoe or iron ring could be cast into the slab for a handhold. Incoming and outgoing drain pipes enter and leave the trap through ells. (See diagram.)

The drain line should be at least 18 inches wide at the bottom and laid from 10 to 12 inches below the ground surface, dropping 2 to 3 inches in 50 feet. Cover the bottom of the line with 6 inches of gravel. Place a piece of tar paper over the top of each tile joint to prevent dirt from silting into the tile line when it is covered.

A grease trap such as the above allows the grease to collect at the top and the coarser material to settle; otherwise, the grease and heavier material would enter the tile line and cause stoppage. However, don't neglect to clean the trap frequently. Exactly how often will depend on the quality of waste and size of trap.



Now! Easier, surer protection for your most intimate marriage problem

Tested by doctors...proved in hospital clinics

1. Antiseptic **(Protective, germicidal action)**
Norforms are now *safer and surer than ever!* A highly perfected new formula releases its antiseptic and germicidal ingredients *right in the vaginal tract.* The exclusive new base melts at body temperature, forming a powerful protective film that permits long-lasting action. Will not harm delicate tissues.

2. Deodorant **(Protection from odor)**
Norforms were tested in a hospital clinic and found to be more effective than anything it had ever used. Norforms are powerfully deodorant—they *eliminate* (rather than *cover up*) embarrassing odors, yet have no "medicine" or "disinfectant" odor themselves.

3. Convenient **(So easy to use)**
Norforms are small vaginal suppositories, so easy and convenient to use. Just insert—no apparatus, no mixing or measuring. They're greaseless and they keep in any climate. Your druggist has them in boxes of 12 and 24. Also available in Canada.

Mail this coupon today

FREE *informative Norforms booklet*

Just mail this coupon to: Dept. FB-73
Norwich Pharmacal Company, Norwich, N. Y.

Please send me the new Norforms booklet, in a plain envelope.

Name_____
(PLEASE PRINT)
Street_____
City_____ Zone____ State____

NORFORMS®
VAGINAL SUPPOSITORIES

Tested by doctors
Trusted by women

A NORWICH PRODUCT

Quilts

enhance any bedroom

"Lone Star"—this handsome quilt brings colorful radiance to any style bedroom . . . beautifully proving that quilts are charming complements to all types of furnishings.

But no matter what furniture design or quilt pattern you choose, remember there's only one "perfect filling for quilts"—Mountain Mist with all these quilting advantages: soft "Glazene" surfaces assure needle-easy quilting . . . handles like cloth . . . spreads smoothly and evenly—doesn't stretch thin . . . fills out and emphasizes quilting design. Sold at all stores where dry goods are sold. If your local store doesn't have Mountain Mist, write us.

● For "Lone Star" pieced pattern, send 20c. For big new 1957 *Blue Book of Quilts*—the most complete book on quilt-making ever published—send 75c to Stearns & Foster, Dept. 711, Cincinnati 15, Ohio. No stamps or C.O.D. please. Offer not good in Canada.

MOUNTAIN MIST®

PERFECT FILLING FOR *Quilts*

MOTHERS FRIEND

The SKIN CONDITIONER for EXPECTANT MOTHERS

The soothing, refreshing skin conditioner that penetrates and brings relief to numbing, tingling muscles in back and legs . . . ends the discomfort of tight, dry skin.

At Drug Stores Everywhere.

THE S.S.S. COMPANY, ATLANTA, GA.

TOMBSTONE $10.50 up

Freight Paid

Lettering and Footstone

Satisfaction guaranteed. Catalog Free.

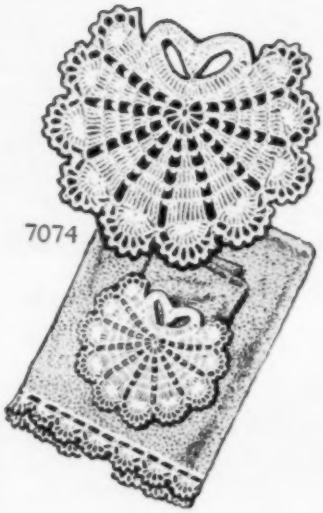
EMPIRE MONUMENT COMPANY

DEPARTMENT 50 STATION F, ATLANTA, GA.

For your needle

864

7036



7074

RHEUMATISM

ARTHRITIS

NEURITIS

SCIATICA

LUMBAGO

Treated By Non-Surgical Methods At Famous Health Resort

A greater variety of mineral waters here than any other place in the world

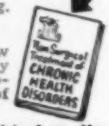
Rheumatism and its kindred diseases attack bodily functions and organs. When you take medicines for temporary relief of pain only you are ignoring nature's warning and permitting the cause of your condition to grow worse.

Resultful Treatments Available Now

The Excelsior Institute trustworthy and scientific treating methods are designed to correct the real underlying causes of your ailments and start the removal of those poisons in your system which are causing your suffering.

Revealing Free Illustrated Book

Our New FREE Book tells how thousands have been successfully treated in recent years. Write today. It may save you years of suffering. No obligation.



EXCELSIOR INSTITUTE, Dept.C2650, Excelsior Spgs., Mo.

What Do 3 Out of 4 Doctors Recommend to Relieve Pain?

A survey shows 3 out of 4 doctors recommend the famous ingredients of Anacin Tablets to relieve pain of headache, neuritis and neuralgia. Here's why Anacin® gives you better *total* effect in relieving pain than aspirin or any buffered aspirin:

- **ACTS INSTANTLY:** Anacin goes to work *instantly*. Brings fast relief to *source* of your pain.
- **MORE EFFECTIVE:** Anacin is like a doctor's prescription. That is, Anacin contains not one but a combination of effective, medically proven ingredients.
- **SAFER:** Anacin simply *can not* upset your stomach.
- **LESSENS TENSION:** Anacin also reduces nervous tension, leaves you relaxed, feeling fine after pain goes. Buy Anacin *today*.

Shrinks Hemorrhoids New Way Without Surgery

Science Finds Healing Substance That Relieves Pain—Shrinks Hemorrhoids

For the first time science has found a new healing substance with the astonishing ability to shrink hemorrhoids and to relieve pain—without surgery.

In case after case, while gently relieving pain, actual reduction (shrinkage) took place.

Most amazing of all—results were so thorough that sufferers made astonishing statements like "Piles have ceased to be a problem!"

The secret is a new healing substance (Bio-Dyne*)—discovery of a world-famous research institute.

This substance is now available in *suppository* or *ointment form* under the name *Preparation H.*® Ask for it at all drug counters—money back guarantee. *Reg. U. S. Pat. Off.

FREE FOR

ASTHMA

If you suffer asthma attacks, choke and wheeze, find sleep impossible because of the struggle to breathe . . . try FRONTIER ASTHMA MEDICINE now! Get immediate, blessed relief from the dreaded symptoms of bronchial asthma. Over 1,000,000 bottles sold! FREE TRIAL bottle by return mail. You pay nothing. Send name and address now to:

FRONTIER ASTHMA CO., 612-A Frontier Bldg., 462 Niagara Street, Buffalo 1, N. Y.

594

866

864. Make this beautiful scrap quilt! Thrifty—you can use pieces from your scrap bag! Quilt pattern can be hit-or-miss or a set color scheme. Pattern pieces, directions.

7036. Look smart in this lovely new maternity top! Iron-on designs in combination of blue, yellow, green to use on solid-color version. Maternity misses' sizes 10-12, 14-16 included.

7074. A gay little shell crochet pocket holds a wash cloth! Motif can be heavy cotton for decorating terry towels, lighter for linen. Crochet directions for holder plus matching edging.

594. Crochet a graceful bowl to hold fruit, flowers — matching doily beneath! Doily-bowl combination or 17-inch doily alone; use heavy jiffy cotton, starch bowl for stiffness.

866. Daughter looks pretty in whirl-skirted pinafore, with colorful embroidery of scoop neck! Children's sizes 2, 4, 6, 8 included. Pattern, embroidery transfer, directions.

Send twenty-five cents (in coins) for each pattern to: Farm and Ranch, Needlecraft Department, P. O. Box 112, Old Chelsea Station, New York 11, New York. Send an additional 25c for Needlecraft Catalog.

I'll Send You These Products FOR FREE TRIAL

And Show You How to Make Money in Full or Spare Time without Experience and without Putting Up a Penny

Retail Value of these full-sized products is $2.95...Yours for FREE TRIAL!

Just send me your name on the coupon at right and I'll rush you PREPAID these full-size packages of famous Blair Quality Products: Cosmetics, Flavorings, Foods, etc. Make money introducing to friends, neighbors. Special bargains, valuable premiums, spectacular offers put you into a successful business of your own overnight. You don't need experience, and I give you credit. Assortment of full-size products for FREE TRIAL ready! Send no money. Mail coupon now.

BLAIR, Dept. 30B, Lynchburg, Virginia

SEND NO MONEY...JUST PASTE COUPON ON POSTCARD—MAIL NOW!

BLAIR, Dept. 30B
Lynchburg, Virginia
Please rush full-size Blair Quality Products ($2.95 retail value) for FREE TRIAL, and Money-Making Plans.

*Name*_____

*Address*_____

*City*_____ *State*_____

Amazing New Creme Color Shampoo

RE-COLORS HAIR IN 17 MINUTES

Now change streaked, gray, graying or drab hair to a new lustrous youthful-looking color, try Tintz Creme Color Shampoo today. It's a new hair coloring that recolors hair at home as it shampoos. Takes only 17 minutes. No waiting for results. It's easy to use — no messy mixing. Won't wash or rub out. Get your choice of color today: Lt. Ash Blond, Gold Blond, Red Blond, Blond, Lt. Warm Brown, Lt. Auburn, Auburn, Med. Warm Brown, Dk. Warm Brown, Dk. Brown, Lt. Brown, Med. Brown, Black, Jet Black.

TRY AT OUR RISK Write today, only $1.65 tax incl. on money back guarantee of satisfaction. If C.O.D. postage extra, $1.00 deposit required on C.O.D. orders. (Enclose $1.65 tax incl. Tintz pays postage.) Mail order today to: **TINTZ CO., Dept. 304, 230 N. Michigan, Chicago 1, Ill.**

IMITATION
DIAMOND RINGS
$1.49 each or both for $2.49

Gorgeous Solitaire and Wedding Ring set with beautiful imitation diamonds in 1/30 14 Kt. Yellow Gold Plated or Sterling Silver or White Gold color effect on a MONEY-BACK GUARANTEE. SEND NO MONEY. Pay Postman on delivery plus postal charges. If you send cash or money order with order we pay postage. **HAREM CO., "The House of Rings," 30 Church Street, Dept. C-128, New York, N. Y.**

BE YOUR OWN MUSIC TEACHER

Send for Free Book Telling How Easily You Can Learn Piano, Guitar, Accordion, ANY Instrument This EASY A-B-C Way

NOW IT'S EASY to learn music at home. No tiresome "exercise." No teacher, just START RIGHT OUT playing simple pieces. Thousands now play who never thought they could. Our pictured lessons make it easy as A-B-C to learn to play popular music, hymns, classical and any other music. Only a few cents a lesson. Over 900,000 students! (Our 50th successful year.)

MAIL COUPON FOR FREE BOOK

Find out why our method can teach you quickly, easily, inexpensively. Write for illustrated Free Book. No obligation. Mention your favorite instrument. Mail coupon today! (No salesman will call.)

U. S. SCHOOL OF MUSIC
Studio A1293
Port Washington, N. Y.

U. S. SCHOOL OF MUSIC
Studio A1293, Port Washington, N. Y.
Please send me your 36-page illustrated Free Book. I would like to play (Name Instrument).
Have you Instrument? Instrument_____
Name_____
Please Print
Address_____

Such SAFE Comfort for Reducible Inguinal RUPTURE!

Rupture-Gard makes you more comfortable two ways — in body, because no cruel pressure grips and binds you—in mind, because rupture feels so safely supported! Rupture-Gard is suspended from the waist. Double pad of firm molded foam rubber holds rupture like a pair of hands — moves with body, no matter how sharply you move. Washable; adjustable as trouser-belt. 30-day trial; money-back guarantee. Order today—$9.95 postpaid—just give waist measure.
THE KINLEN CO., Dept. FR-37W
809 Wyandotte, Kansas City, Mo.

20 Bulbs - Deluxe Mixture GLADIOLUS 25¢
REGULAR VALUE $1.00
50th anniversary offer

Size ¾ to one inch across "Not Bulblets." Guaranteed to bloom this summer. 10 or more varieties in this mixture. **Send 25c in coin for this $1.00 Value,** and we will include Big Bulb, Plant & Seed Catalog. **FREE**

CONDON BROS. SEEDSMEN Dept. 44 Rockford, ILL.

"BC" TABLETS
FAST-ACTING QUICK-DISSOLVING
ACHES & PAINS DUE TO
COLDS

Fast-acting "BC" Tablets quickly ease headaches, muscular aches and pains and general discomfort due to colds. "BC" also offers extra-fast relief for neuralgia and functional periodic pains. "BC" Tablets and Powders. 10c and 25c. Also bottles of 50 and 100 tablets.

Don't Neglect Piles and Colon Troubles

FREE BOOK — Explains Dangers of Associated Ailments

RECTAL AND COLONIC DISORDERS and Associated Ailments
Avoid Dangers of Delay

Neglected piles, fistula and colon troubles often spread infection. Learn about rheumatic, other associated chronic conditions. Write today for 130-page FREE BOOK. McCleary Clinic & Hospital, 384 Elms Blvd., Excelsior Springs 4, Mo.

OH, MY ACHING BACK

Now! You can get the fast relief you need from nagging backache, headache and muscular aches and pains that often cause restless nights and miserable tired-out feelings. When these discomforts come on with over-exertion or stress and strain—you want relief—want it fast! Another disturbance may be mild bladder irritation following wrong food and drink—often setting up a restless uncomfortable feeling.

For quick relief get Doan's Pills. They work fast in 3 separate ways: 1. by speedy pain-relieving action to ease torment of nagging backache, headaches, muscular aches and pains. 2. by their soothing effect on bladder irritation. 3. by their mild diuretic action tending to increase output of the 15 miles of kidney tubes.

Find out how quickly this 3-way medicine goes to work. Enjoy a good night's sleep and the same happy relief millions have for over 60 years. Ask for new, large size and save money. Get Doan's Pills today!

Beautiful HOUSE PLANTS & Everblooming ROSES
GUARANTEED TO BLOOM THIS SUMMER
AT BARGAIN PRICES Send for our Big Seed and Nursery Color Catalog. Will include 35c packet (100 seeds) Gorgeous Rogell Swiss Giant Pansy. Send 3c stamp for postage.
FREE
CONDON BROS. SEEDSMEN Box 45 Rockford, Illinois

Playtime

Come on, Playtime Pals, let's fill the PLAYTIME mail box at FARM AND RANCH with your poems, games, puzzles and things-to-make! Be sure they are original. There were so many good poems this month it was hard to pick one, so I finally selected two:

JEWEL'S POEM

Here is the key to my playhouse
In the wood by the pebbly shore;
It's winter now; I wonder if
There is snow about the door?
I wonder if the fir trees tap
Green fingers on the pane?
If sea gulls cry and the roof is wet
And tink-ly in the rain?
I wonder if the flower-sprigged cups
And plates sit on their shelf?
And if my little painted chair
Is rocking by itself?

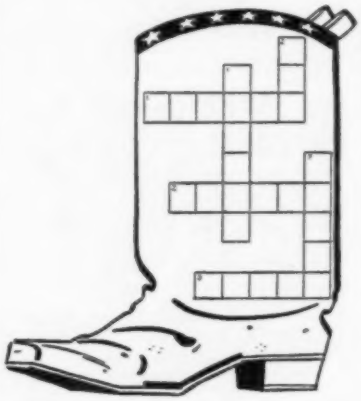
—Jewel Dean Cook
Oneonta, Ala.

MAXINE'S POEM

Mr. Robin, in my cherry tree,
Helping yourself to my finest fruit.
You are but taking your well-earned fee
And are welcome to your loot.
Take your fill and happy be,
But please, oh, please, leave a few for me.

—Maxine Bresock (age 12)
Wheeling, W. Va.

COWBOY OUTFIT



ACROSS

1. Cowboy's roping knot
2. Bucking horse
3. Cowboy's leg coverings

DOWN:

1. Cowboy's gun
2. Cowboy's head piece
3. Cowboy shoes

(Answers to last month's puzzle. Down: 1. watt; 2. father; 3. seed. Across: 1. Washington; 2. dined; 3. the; 4. Ted.)

Dry, cracked LIPS NEED

the all—family lip balm

WANTED MAN or WOMAN

No Time Like Now to Get In McNess Business

ONE OF OUR SPECIALS! McNess SHAMPOO

It's no trick to make good money when you use your car as a McNess "Store on Wheels." Farmers buy everything they can from McNess Men because McNess Products are tops in quality, represent extra values. Attractive business-getting prizes and premiums; also money-saving deals to customers make selling McNess daily necessities a snap.

We Supply Capital—Start Now!

There's no better work anywhere. Big profits, permanent, need no experience to start, and we supply capital to help you get started quick. You begin making money first day. Write at once for McNess Dealer Book. It's FREE. Tells all—no obligation. (23)

THE McNESS CO., 359 Clark St., Freeport, Ill.

MONUMENTS

DIRECT TO YOU... EASY TERMS

Genuine Rockdale Monuments and Markers. Full Price $14.95 and up. Satisfaction or MONEY BACK. We pay freight. Compare our low prices. WRITE FOR FREE CATALOG.

AS LOW AS $4.52 DOWN

ROCKDALE MONUMENT CO. • DEPT. 581 • JOLIET, ILL.

RUPTURED

BE FREE FROM TRUSS SLAVERY

Now there is a new modern Non-Surgical treatment designed to permanently correct rupture. These Non-Surgical treatments are so certain, that a Lifetime Certificate of Assurance is given.

Write today for our New FREE Book that gives facts that may save you painful and expensive surgery, and tells how non-surgically you may again work, live, play and love and enjoy life in the manner you desire. There is no obligation. Excelsior Hernia Clinic, Dept. F 505, Excelsior Sprs., Mo.

EVERYTHING I ATE TURNED TO GAS

"I was bothered by gas for fifteen years. Nothing I took for it, including baking soda, did any good," says Clyde L. Jordon of Muse, Okla. "Now, after taking Dr. Pierce's Golden Medical Discovery for a time, I enjoy any kind of food and sleep sound as a dollar."

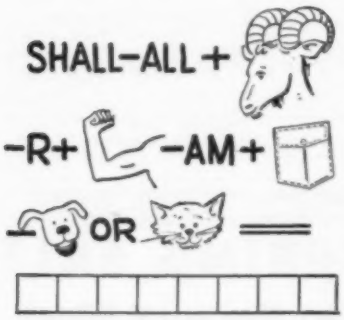
Thousands of people who suffered gas pains, heartburn, stomach distress, due to acid indigestion, have tried Dr. Pierce's Golden Medical Discovery with amazing results. Over 35,000,000 bottles of this great non-alcoholic medicine, with its wonderful stomachic tonic action, have been sold. And no wonder. First, taken regularly, it promotes more normal stomach activity, thus helping to digest food better so you won't have gas, heartburn, sour stomach. Second, with stomach activity improved, you can eat the foods you like without fear of after-distress.

Get Dr. Pierce's Golden Medical Discovery, liquid or tablets, at your druggist today.

ST. PATRICK'S DAY

Add and substract the letters shown and also letters in the names of the objects, as directed, to find the symbol of St. Patrick's Day.

Answer elsewhere in PLAYTIME.)



VIOLET'S LETTER

Dear Lauragene:

Spring, because of its beauty and splendor, is a wonderful time of the year. When I go outside, I can hear the birds singing. They cheer me while they warble their sweet songs. I like flowers best of all. After it rains they are so pretty with drops of water on them. The tree in our front yard is sending forth its buds, also. Let's not forget to thank God for the coming beautiful Spring.

—Violet Poole (Age 15)
Cross Anchor School

THIS IS THE 'BERRIES'!

1. What berry is red when it is green?
2. What berry does Mark Twain write about?
3. What berry is found on the grass?
4. What berry is used in stables?
5. The senior of the berry family?
6. A sad berry?

(Answers: blackberry, huckleberry, strawberry, cranberry, elderberry, blueberry.)

A TRICK WITH NUMBERS

Take a number of three digits, with the *last* digit two less than the first. For example: 624 (four is two less than six). Write the number backward (426) and subtract it from the first (624—426). Write the answer backward. Now add it to the answer before you reversed it. You'll always get 1089. Try it and see! (Example: 624—426=198. 198+891=1089.)

St. Patrick's Day puzzle: SHAMROCK.)

Your editor, Lauragene Parker
833 Exposition, Dallas, Texas

BEST WAY to BUY CHICKS

is to investigate! Don't buy until you've seen our new FREE information kit of famous RIVERSIDE highest-laying strain in your favorite breed. Hatching 22 breeds including first generation Babcock, Mt. Hope, Parmenter, Parks, Holtzapple, Nedler. ALSO, NEW RIVERSIDE "S-X" STRAIN-CROSS WHITE LEGHORNS! Send request TODAY! That's the way to get the most for your money! — **One of the South's oldest hatcheries, Pullorum-Typhoid clean, low priced best grade chicks!**

RIVERSIDE HATCHERIES
Box 1391G Knoxville, Tenn.

PEDIGREED SINCE 1915
Parmenter U.S.R.O.P. CHICKS
R. I. REDS • SEX-LINK CROSS • SILVER CROSS • BUFF CROSS • LEGHORN-RED CROSS • WHITE ROCKS
Send For Free Catalog
PARMENTER REDS, INC.
400 King St. Franklin, Mass.

STRAWBERRIES

Allen's 1957 Berry Book tells best varieties for home and market, and how to grow them. *Free copy. Write today.*

W. F. ALLEN COMPANY
42 Evergreen Ave., Salisbury, Maryland

Remarkable Results
Raising Baby Chicks

Mrs. C. M. Bradshaw, Diagonal, Ia., says: "I have been using Walko Tablets for 35 years with splendid results. I would not think of trying to raise Baby Chicks without them. I also use them for my grown birds with the same satisfaction."

You Run No Risk

Buy a package of Walko Tablets today at your druggist or poultry supply dealer. Use them in the drinking water to aid in preventing the spread of disease through contaminated water. Satisfy yourself as have thousands of others who depend upon Walko Tablets year after year in raising their baby chicks. You buy Walko Tablets at our risk. We guarantee to refund your money promptly if you are not entirely satisfied with results. The Waterloo Savings Bank, the oldest and strongest bank in Waterloo, Iowa, stands back of our guarantee. Sent direct postpaid if your dealer cannot supply you. Price 60c, $1.20, $2.50 and $4.00.

Walker Remedy Co. Waterloo, Iowa

NEW RELIEF FOR... **CHAPPED SKIN**
Sayman Salve
—Now Contains Amazing HEXACHLOROPHENE

SAYMAN SALVE for generations has helped millions get quick, soothing relief from soreness and itching of chapped skin. NOW more effective than ever! **Contains HEXACHLOROPHENE** (G-11), **amazing new antiseptic which protects against infection and promotes healing.** Only 65c at your dealer's! MONEY-BACK GUARANTEE. If dealer not now supplied—send 25c for generous Trial Size plus samples of two SAYMAN Special Purpose Soaps!

SAYMAN PRODUCTS CO., Dept. 30-C, St. Louis 3, Mo.

MAKE A CHOICE *and* MAKE A PROFIT

Choose the Hall Brothers' Breed or Crossbreed that fits your particular requirements. You get a head start with the Bred-in Profit-Producing Potential of . . .

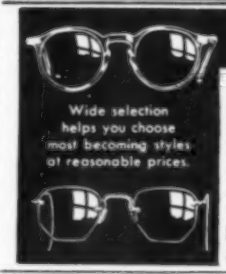
HALL BROTHERS' CHICKS

SILVER HALLCROSS
Combine profits from eggs with profits from meat in this — the greatest dual-purpose bird. Strong and vigorous, mature early. Super profits from large egg production PLUS end of season profits from meat. Your choice for egg and meat profits.

SEX-LINKED HALLCROSS
If you want eggs — eggs and then more eggs, choose these proven egg producers first introduced by Hall Brothers 25 years ago. Imitated but never equalled as prolific producers of large brown eggs. Economical, healthy birds that come into production early. Your choice for bigger egg profits.

Send for ***NEW — FREE*** Folder. See all Hall Brothers' Breeds and Crossbreeds in actual Kodachrome colors. Read about recent contest records.

HALL BROTHERS HATCHERY, INC. Box 2, Wallingford, Conn.



EYE GLASSES BY MAIL? IT CAN BE DONE!

Wide selection helps you choose most becoming styles at reasonable prices.

Buy from the oldest established firm offering this service. Reading-magnifying or bifocal glasses for far and near. Recommended for folks approximately 40 years or older. Thousands of customers! We furnish 14-lens sample card with many combinations.

as low as **$1.95** and other styles priced to meet your budget

SEND NO MONEY! 30 DAYS TRIAL!

SEND FOR **FREE catalog**

attractive styles for men and women

name
street
city state dept. FAR-3

ADVANCE SPECTACLE CO., INC.
537 S. Dearborn St., Chicago 5, Ill.

"How My Children Gently Sleep Away Constipation Trouble Overnight!"

Mrs. J. D. Foster, Blaine, Tenn., adds: "Youngsters love the taste of this laxative-stomach sweetener! They take Syrup of Black-Draught without complaint!"

When constipation sours little stomachs, children sulk, can't eat or sleep right. Then wise mothers give Syrup of Black-Draught. Its wonderful laxative action helps sweeten sour stomachs at the same time. Then how *fast* digestions and dispositions improve!

Syrup of Black-Draught tastes honey-sweet. Children love it. Made of pure vegetable herbs—acts thoroughly but gently. No harsh griping. Given at bedtime, relieves constipation *overnight!* Helps sweeten sour stomach too! Youngsters virtually *sleep away* those constipation worries! Over 30,000,000 bottles sold. Get Syrup of Black-Draught today!

ADULTS: Try regular Black-Draught—Powder, Granulated or new, easy-to-take Tablets.

MAILBOX MARKET

Classified Advertising

Cash with order. No advertisement less than ten words accepted. Count each initial and whole number as one word. Orders, cancellations, or changes in copy must reach Nashville office 20th of second month preceding month of issue. In other words, the closing date for our April issue is the 20th of February.

Classified Display

(Bold Type and Illustrations)

Classifications eligible: **Pets**, Farm Machinery, Livestock, Nursery Stock, Seeds and Plants, Photo Finishing, Poultry. Display classified advertising confined to column width except Livestock, Poultry, Nursery Stock, which may be 2 columns wide. Cash with order except from recognized advertising agencies.

RATES BY EDITIONS

Editions	Per Word	Display Classified Per Inch	Guaranteed Circulation
Both Editions	$0.80	$105.00	1,290,000
Southeastern	0.52	66.05	785,600
Southwestern	0.33	46.45	504,400

REAL ESTATE

FARMS AND RANCHES

WALK-IN PROPOSITION! 300-acre Tennessee farm in beautiful valley. Includes 11 cows, 2 calves, registered bull, 30 head sheep, poultry, tractor, farm equipment, some baled hay, lumber to build barn! 93 tillable, 400 wooded, 93 now in pasture, year-round creek. Good set buildings, 5-room 2-bedroom home, modern bath, furnished with refrigerator, new electric stove, living room suite, etc. Good 30-ft. barn, poultry house, well shed, sheep shed, double garage, storage building. All pick-up routes, 3 miles Kentucky Lake, 9 town. Walk in and take over for $18,500, $6,000 down. Free Spring catalog, bargains coast to coast! United Farm Agency, 2825-FR Main St., Kansas City 41, Missouri.

FREE FARM LIST with actual photos. Owensby, Realtor, Buffalo, Missouri.

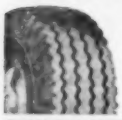
TIMBERLAND, Kentucky-Lake camp sites. S. C. Lewis, Dover, Tennessee.

MACHINERY AND EQUIPMENT

DEPRESSION PRICES—We Sell Cheap—Save 75% off—New and used Tractor Parts—Crawlers and Wheel Tractors—160—Makes and Models—1957 catalog ready—send 25c refundable. Surplus Tractor Parts Corporation, Fargo, North Dakota.

TRUCK TIRES

RECONDITIONED — GUARANTEED



700x15	6 Ply	$ 6.95	700x17	$ 8.50
750x15	6 Ply	10.95	750x17	11.50
750x20	8 Ply	12.50	700x20	10.50
750x20	10 Ply	15.50	825x20	19.50
600x16		4.95	900x20	19.50
650x16		5.95	1000x20	19.50

We Pay Freight on 3 or More Tires
Send Check or Money Order

BRIDGES TIRE CO.
816 Railroad St. Decatur, Alabama

SENSATIONAL GARDEN AND ROW CROP TRACTOR. Hoes between plants and rows, eliminating hand hoeing and weed spraying. Patent No. 2742840. Works 3 acres daily, also tills. Priced for small garden makers as well. Fantastic Direct offer. Auto Hoe, DePere, Wisconsin.

SUBSCRIBE TO GOVERNMENT SURPLUS WEEKLY. Lists all sales. Buy Jeeps, Tractors, etc., direct from Government. Next 4 issues $1.00. Government Surplus, Paxton, Illinois.

TREMENDOUS SAVINGS on tractor parts. Buy direct. Nation's largest combination stock of new and used parts. Free 1957 Catalog. Central Tractor Parts Co., Des Moines, Iowa.

WE WISH TO THANK all our customers and friends for past business and a good 1956, for their patience with us and that we will be serving you in the future. We are grateful to each and everyone of you.

MACELS TIRE SERVICE
1020 Canal Decatur, Ala.

TIRES AT TREMENDOUS SAVINGS. Tractor, grader, truck, aircraft, army surplus, and passenger. Send for free catalogue. Duddy's, 152 N. Beacon St., Boston 33, Massachusetts.

GARDEN TRACTORS—3 HP $100.00. Winter special. Universal Mfg. Co., 324 West 10th, Indianapolis 2, Ind.

"BINDER, 8 ft. Tractor IHC on rubber A1." Price $50.00. Roscoe Foutch Hardware, Leipsic, Indiana.

CHAIN SAWS! Amazing discount. Modern products, 1850-FR Christopher, Speedway 24, Indiana.

PETS—BIRDS—BEES

BEES

BEES INCREASE SEED and fruit yields, require little attention. Big Profits. Stingproof equipment. Factory prices save 25%. Free advice from experienced bee men. Free catalogue. Walter T. Kelley Co., Dept. F, Clarkson, Kentucky.

BIRDS

PARRAKEETS! Guaranteed market for all you raise. Down payment plan for our breeders. Everglades Aviaries, MR 1, Hodges Road, Columbus, Georgia.

PEAFOWL. Pheasants, Bantams, Geese, Ducks. Thirty varieties Pigeons. John Haas, Bettendorf, Iowa.

DOGS

HUNTERS! Raccoon Mountain and Short Creek Kennels Now Combined. Large number of Coonhounds, Foxhounds, Rabbithounds, Beaglehounds, Bird-dogs, Puppies. Free literature and pictures. Trial. Dures Thomas, Owner, Box 464, Boaz, Alabama.

CREEKSIDE ENGLISH SHEPHERD PUPS. $12. Guaranteed heelers, watchdogs, happy guarding the baby. Training instructions. Few older partly trained $25. Creekside Kennels, Beardsley, Minnesota.

ATTENTION HUNTER FRIENDS: High Class Coonhounds, Foxhounds, Rabbithounds, Beagles. Real Cheap. Half price. Bluesticks, Redbones, Blacktans, Spotted. Long Trial. Catalog 10c. Echo Valley Farms, Herrick, Illinois.

GENUINE English Shepherd pups (Distemper vaccinated). Farm raised. Guaranteed heelers. Year's trial. Training instructions. Males, females, spayed females. Highview Kennels, Cedar Falls, Iowa.

TRAINED ENGLISH SHEPHERD COWDOGS. Unrelated pairs. Tree coons, squirrels. Stodghill Ranch, Quinlan, Texas.

PIT BULL TERRIER PUPS. Registered. Reasonable. Photos. Bowman's, Stafford, Kansas.

RAT TERRIER PUPPIES—Dime for Photos. KENNY'S KENNELS, ST. JOHN, KANSAS.

SHEPHERDS, Collies, Heelers, watch dogs. Also registered Scotch Collies. Zimmerman Farms, Flanagan, Ill.

RAT TERRIER PUPPIES. Bred for ratters. Crusaders Kennels, Stafford, Kansas.

BEAUTIFUL GOLDEN COLLIES, Registerable. Pure English Shepherds. Edw. Barnes, Collyer, Kansas.

MEXICAN BURROS, Collies, Shepherds, Terriers, Pekingese. Pete Motley, Wadley, Alabama.

GOLDEN SABLE COLLIES. Farm raised. Murray Marston, Rt. 2, Leoma, Tennessee.

"WHITE GERMAN SHEPHERDS, Registered. Write for prices." Walter E. Harrell Jr., Hayneville, Alabama.

LIVESTOCK

CATTLE—HORSES

WANTED: Orders for Holstein and Guernsey springer cows and heifers, bred heifers, yearlings, and heifer calves. TB and Bangs tested, delivered in truck load lots. COD. subject to your inspection. Write Jay Shefor, Jr., Rich land Center, Wis.

"HOW TO BREAK AND TRAIN HORSES"—A book every farmer and horseman should have. It is free, no obligation. Simply address Beery School of Horsemanship, Dept. 353, Pleasant Hill, Ohio.

HOLSTEIN GUERNSEY OR SWISS DAIRY HEIFERS shipped to you on approval from Wisconsin high production herds. Write for free price list. Otto Vanderburg, North Prairie, Wisconsin.

DAISY CATTLE MARKERS—Solid brass tag and brass-plated chain for horns or neck. Write for new catalog. Golden Arrow Farms, Dept. 6, Huntington, Indiana.

TRAIN HORSES BY CIRCUS METHODS. Write for free booklets. American Horse Training Institute, Dept. 21, Scammon, Kansas.

HOLSTEINS—Large Selection of Choice Springers and Fresh Cows and Heifers. Stanley Burnidge & Son (Grand Hotel for Dairy Cattle), Elgin, Illinois.

HOGS

REGISTERED DUROCS: All Ages, Champion bloodlines, Bang negative. 500 head. Brown McLemore, Gilbert, Louisiana.

DAIRY GOAT

YOU'LL LIKE GOAT MILK! Profit and health with dairy goats. Send for Free copy monthly magazine and information. Dairy Goat Journal, Columbia C-28, Missouri.

DONKEYS

DONKEYS—Imported Mexican midget burros. Cowden, Box 891, Raymondville, Texas.

LIVESTOCK REMEDIES AND EQUIPMENT

FREE 84 PAGE CATALOG livestock diseases. Complete line vaccines, drugs, instruments. Save money. Kansas City Vaccine Co., Dept 8A, Kansas City, Missouri.

RABBITS—MINK—ETC.

CHINCHILLAS

MAKE BIG MONEY raising Nutria, Guinea pigs, Rabbits, Mink, Pigeons or Chinchillas for us. Free information. Keeney Brothers, New Freedom, Pa.

NUTRIA

AMAZING PROFITS converting greens into Nutria Fur. Nutria carcasses-Mink. Terrific potential. Bred Mink-Nutria reasonable. Voight Farms, Atlanta 6, Texas.

MINK

MINK $25.00 each

BRED FEMALES FOR APRIL DELIVERY

Book: Domestic Mink, $1.00

HARRY SAXTON'S MINK RANCH
Bemus Point, N. Y.

1,000 BRED MINK BOOKLET Plans 25c Wettlaufer, Gravel Rd., Webster, New York.

RABBITS

RAISE RABBITS SUCCESSFULLY by Knowing Facts. 48 page illustrated book describing 25 Breeds, Housing, Feeding, Breeding, Marketing, etc. Plus Bulletin. 25 cents. American Rabbit Association, 43 ARBA Building, Pittsburgh, Pennsylvania.

RABBITS

RAISE ANGORA, NEW ZEALAND RABBITS on $500 month plan. Plenty markets. Free details. White's Rabbitry, Mount Pleasant, Michigan.

RAISE RABBITS FOR MEAT, fur, laboratory and other commercial purposes. Details free. Wilson Rabbitry, Greer, South Carolina.

EARN $10,000 YEARLY raising Angora Rabbit Wool for us. Information 25c coin. American Angora Company, Malta, Montana.

BIG MONEY RAISING ANGORA, New Zealand Rabbits. Details free. Martin's Rabbitry, Morganfield 10, Ky.

GUINEA HOGS

LITTLE BONE BLACK AFRICAN Guinea Pigs. The stay-fat kind. $40.00 pair. Carson's Guinea Hog Farm, Griffin, Georgia.

NURSERY STOCK

SPRING SALE

On Nursery Stock

Fresh Plants — Direct From the Field. Flowering Shrubs Are 1 to 2 Feet, Blooming Size For Easier Planting and Faster Growing.

Flowering Shrubs

	Each	5 Plants For
Althea. Double Red or Purple	$ .19	$ .75
Deutzia. White	.09	.40
Mock Orange	.10	.40
Weigela, Pink or Red	.15	.60
Weigela. Yellow	.29	1.00
Red Coralberry	.15	.60
Golden Bell	.09	.40
Red Osier Dogwood	.19	.75
Hydrangea P.G.	.29	.90
Persian Lilac	.25	1.00
Oak Leaf Spirea. Nina	.29	1.00
Red Flowering Quince	.35	1.50
Rose Sharon, mixed colors	.09	.40
Pink Spirea	.15	.60
Crepe Myrtle. Pink or Red	.79	3.50

Flowering Trees and Shade

Pink Dogwood	1 to 2 ft.	.75	3.50
Pink Dogwood	2 to 3 ft.	1.00	4.75
White Dogwood	2 ft.	.25	1.00
Mimosa. Pink	2 to 3 ft.	.29	.90
Red Bud	2 to 3 ft.	.29	.90
Flowering Crab	2 ft.	.59	2.75
Flowering Peach. Red or White	2 ft.	.59	2.75
Purple Leaf Plum	2 ft.	.59	2.75

Fast Growing Shade Trees

Chinese Elm	3 to 4 ft.	.35	1.50
Silver Maple	2 to 4 ft.	.25	1.00
Lombardy Poplar	2 to 3 ft.	.20	.85
Weeping Willow	2 to 4 ft.	.30	1.25
Tulip Tree	2 to 3 ft.	.25	1.00

Evergreens

Glossy Abelia	2 ft.	.29	1.25
Rhododendron	1 to 2 ft.	.45	2.00
Laurel Cherry	1 to 2 ft.	.35	1.50
Juniperus Virginiana	1 to 2 ft.	.25	1.00
Christmas Fern		.25	1.00
Short Leaf Pine	1 to 2 ft.	.25	1.00

Vines

Halls Honeysuckle. Yellow, Pink, Red	.15	.60
Trumpet Vine. Orange	.15	.60
Vinca Minor. Periwinkle Blue	.19	.75
Red Flame Honeysuckle	.29	1.25
25 California Privet Hedge	$1.25	100 for 4.50
25 Spirea. Bridal Wreath Hedge	2.50	100 for 9.00
25 Chinese Elm. Hedge or Borders	2.00	100 for 7.00

Hedge Plants Are 1 to 2 Feet.

25 Plants For 25 Feet of Hedge.

We pay postage. Order as many plants as you wish. We guarantee to ship well rooted thrifty plants in good growing condition.

FREE BONUS — With each order over $3.00. 1 Snowball Hydrangea. 1 Red Bush Honeysuckle and 1 Brook Euonymus.

HURRY: Send your order to

VERNON BARNES NURSERY
ROUTE 2 McMINNVILLE, TENN.

AZALEA, TWO YEAR PLANTS heavily rooted. Pride, Mobile, Formosa, Elegans, Fielders, White Lawsal. $7.50 a 100. Postpaid. Kurume varieties, two year, $8.00 a 100, postpaid. Write for complete list. White Gate Nursery, Earleton, Florida.

SIX FLOWERING CRABAPPLE our selection $4.95. Fruit Trees 29c up. Catalog. Globe Nurseries, Dept. FR57, McMinnville, Tennessee.

APPLE, APRICOT, FIG, Grape, Peach, Plum, Pear, Pecan, Walnut, Cherry, Shade, Shrubs, Ornamentals. Catalog Free. Riverdale Nurseries, Riverdale, Georgia.

Nursery Stock Sale!

Evergreens

American Red Berry Holly	1 to 2 ft.	$ .49
Collected Rhododendron	1 to 2 ft.	.50
Collected Hemlock	1 to 2 ft.	.49
Collected Mountain Laurel	1 to 2 ft.	.49

Flowering Shrubs Blooming Size

Abelia Pink	1 to 2 ft.	.49
Althea Double Red	1 to 2 ft.	.29
Weigelia Rosea	1 to 2 ft.	.29
Weigelia Yellow	1 to 2 ft.	.39
Persian Lilac	1 to 2 ft.	.49
Crape Myrtle Red & Purple	1 to 2 ft.	.69
Sweet Shrub	1 to 2 ft.	.29
Golden Belle	1 to 2 ft.	.19
Spirea Van Houttei	1 to 2 ft.	.29
Pink Spirea	1 to 2 ft.	.29
Red Ozier Dogwood	1 to 2 ft.	.29
Scotch Broom	1 to 2 ft.	.29
Deutzia Pink	1 to 2 ft.	.29
Hydrangea	1 to 2 ft.	.39
Mockorange	1 to 2 ft.	.25
Rosea Sharron	1 to 2 ft.	1.00
Azalea Mixed Colors Collected	1 to 2 ft.	.49
Red Snowberry	1 to 2 ft.	.19

Flowering Trees and Shade Trees

Pink Flowering Dogwood	1 to 2 ft.	.89
Pink Flowering Dogwood	2 to 4 ft.	1.49
White Flowering Dogwood	3 to 5 ft.	.98
Mimosa	2 to 4 ft.	.39
Red Bud	2 to 3 ft.	.39
Lombardy Poplar	2 to 4 ft.	.29
Silver Maple	3 to 4 ft.	.49
Weeping Willow	2 to 4 ft.	.49
Red Flowering Peach	1 to 2 ft.	.49
Purple Leaf Plum	2 to 4 ft.	.69
Flowering Crab	2 to 4 ft.	.89
Chinese Elm	3 to 4 ft.	.49
Magnolia Acuminata Collected	2 to 3 ft.	.98
Tulip Tree	2 to 3 ft.	.49
Pecan Trees	1 to 2 ft.	1.19
Sugar Maple	1 to 2 ft.	.10
Fish Bate Tree	1 to 2 ft.	.29

Hedge Plants

50 California Privet	1 to 2 ft.	2.98

We give one Rosea Sharron Free with each order. These plants will be nice. You may buy as many or as few plants as you wish. Send 35 cents extra for postage and packing. Buy with confidence. Satisfaction Guaranteed. These plants are all State inspected. Rush your order today to

RIVER FARM NURSERY

ROUTE 6 McMINNVILLE, TENN.

DEPENDABLE FRUIT AND NUT TREES, Small Fruits, Ornamentals, and General Nursery Stock. Write for Free Catalog. Cumberland Valley Nurseries, Inc., Dept. F, McMinnville, Tennessee.

SHRUB AND TREE SALE

BLOOMING SIZE PLANTS — FLOWERING SHRUBS

Althea Double Red	1 to 2 ft.	$ .29
Golden Bell	1 to 2 ft.	.19
Mock Orange	1 to 2 ft.	.19
Sweet Shrub	1 to 2 ft.	.29
Weigela Pink	1 to 2 ft.	.19
Weigela Yellow	1 to 2 ft.	.29
Persian Lilac	1 to 2 ft.	.39
Hydrangea P.G.	1 to 2 ft.	.29
Bush Honeysuckle	1 to 2 ft.	.19
Scotch Broom	1 to 2 ft.	.29
Spirea V. H.	1 to 2 ft.	.19
Spirea Pink	1 to 2 ft.	.49
Red Snowberry	1 to 2 ft.	.19
White Snowberry	1 to 2 ft.	.39
Red Ozier Dogwood	1 to 2 ft.	.29
Russian Olive	1 to 2 ft.	.29
Abelia	1 to 2 ft.	.39
Flowering Almond	1 to 2 ft.	.39

FLOWERING TREES

Red Leaf Peach	2 to 3 ft.	.49
Purple Leaf Plum	2 to 3 ft.	.59
Mimosa	2 to 3 ft.	.49
Red Bud	2 to 3 ft.	.49
Pink Flowering Dogwood	2 to 3 ft.	.98
Golden Rain Tree	1 to 2 ft.	.98

SHADE TREES

Chinese Elm	2 to 3 ft.	.49
Silver Maple	2 to 3 ft.	.49
Lombardy Poplar	2 to 3 ft.	.19

HEDGE PLANTS

25 California Privet		1.00

Order as many or as few plants as you wish. All plants are Nursery grown, nice well rooted plants. All Orders shipped Post-paid. Write for free price list. Order Now.

PINE HILL NURSERY

Route 6 McMinnville, Tennessee

TREE EVERBEARING BLACKBERRY and Sure-Crop Apricots. Write for literature. Boothe Nursery, Weatherford, Texas.

PEACH APPLE TREES LOW AS 20c

Cherries, pears, plums, nut trees, strawberries, blueberries, dwarf fruit trees. Grapevines 10c. Shrubs, evergreens, shade trees, roses 25c up. Quality stock can't be sold lower. Write for FREE color catalog and $2.00 FREE bonus information.

Tennessee Nursery Co. Box 15 Cleveland, Tenn.

TWENTY EIGHT YEARS Growing Fine Nursery Stock. Write for our Free Colored Catalogue on Quick Bearing Trees and Plants. East's Nursery, Amity, Arkansas.

SPECIAL 15-DAY OFFER!

(Offer Closes March 15th)

☐ 3 Peach Trees, 2 to 5 ft., $1.00 or 6 for $1.85. 1 Mayflower, 1 Giant Elberta and 1 Hale Haven.

☐ 3 Apple Trees, 2 to 5 ft., $1.00 or 6 for $1.85. 1 Red Delicious, 1 Yates and 1 Yellow Delicious.

☐ 2 Fig Trees, 1 to 2 ft., $1.00 or 4 for $1.85. 1 Brown Turkey and 1 New Everbearing.

☐ 3 Plum Trees, 3 to 6 ft., $1.00 or 6 for $1.85. 1 Abundance, 1 Blue Damson and 1 Methley.

☐ 3 Apricots, 2 to 5 ft., $1.00 or 4 for $1.85.

☐ 2 Cherry Trees, 2 to 5 ft., $1.40 or 4 for $2.60. 1 Montmorency and 1 Black Tartarian.

If You Want 3 yr. old Trees, Send Double The Amount Listed Above.

DWARF TREES . . . 3 years old, 4 to 6 ft., 9/16 Cal. Your choice of any listed below. $2.00 each or 3 for $6.00.

APPLES
☐ Transparent ☐ Red Delicious
☐ Red Jonathan ☐ Yellow Delicious
☐ Red McIntosh ☐ Northern Spy

PEARS
☐ Bartlett ☐ Covert ☐ Keiffer

CHERRIES
☐ Montmorency ☐ Early Richmond

☐ QUICK-BEARING PAPER SHELL PECAN TREES, 3-year-old, budded, 2 to 3 ft., $2.00 each; 3 to 4 ft., $2.50 each. Varieties: Stuart, Miss Giant.

☐ CHINESE CHESTNUT, 2 to 3 ft., 1 for 90¢ or 2 for $1.50.

☐ ORIENTAL PERSIMMON, 3 to 4 ft., 1 for $1.55 or 2 for $2.50.

☐ BLACK JAPANESE WALNUTS, 3 to 4 ft., 1 for $1.00 or 2 for $1.70.

☐ 2 Muscadine Grapes, 2-year-old, $1.25 or 4 for $2.00 (White or Black).

☐ 4 Grape Vines, 2-year-old, $1.00 or 8 for $1.85. 1 Fredonia (Black), 2 Concord (Blue), 1 Niagara (White).

☐ BLUEBERRIES, 3-year-old, 12 to 18 in. 1 for 80¢, 2 for $1.50, or 10 for $6.00.
☐ Rubel ☐ Jersey

☐ 5 Thornless Boysenberry Plants, $1.00 or 10 for $1.85.

☐ 5 Red or 5 Black Raspberry Plants, $1.00 or 10 for $1.85.

☐ 25 Missionary and 25 Everbearing Strawberry Plants, $1.00.

☐ 2 Flowering Peach, 2 to 5 ft., $1.00 or 4 for $1.85. (Red and White.)

☐ Flowering Crab Apple, 3 to 5 ft., $1.00 each or 2 for $1.85. (Red and Pink.)

☐ 2 White Flowering Dogwood, 3 to 6 ft., $1.00 or 4 for $1.85.

☐ 1 Pink Flowering Dogwood, 2 to 4 ft., $1.50, 2 for $2.90, or 10 for $8.00.

☐ 3 Red Buds, 3 to 6 ft., $1.00 or 6 for $1.85.

☐ 6 Everbearing Blackberry Trees, $1.49. Bears 6 gallons per tree.

☐ 2 Everblooming Gardenia, 1 to 2 ft., $1.00 or 4 for $1.85.

Your choice of any two shade trees, 6 to 10 ft., $1.30 or 4 for $2.25.
☐ Chinese Elm ☐ Lombardy Poplar
☐ Silver Leaf Maple ☐ Mimosa
☐ Weeping Willow

☐ Fragrant French Lilacs, 1 for 90¢ or 4 for $3.00. (White, Pink, Red and Blue.)

☐ Crepemyrtle, 2 for $1.00 or 4 for $1.85. (Red and White.)

EVERGREENS FOR YEAR-ROUND BEAUTY. 3-year-old, 1 to 3 ft., 1 for $2.25, 4 for $8.00, or 6 for $10.00.
☐ Pfitzer Juniper
☐ Berckman's Golden Arborvitae
☐ American Tall Arborvitae
☐ Irish Juniper
☐ Spiny Greek Juniper
☐ Nandina (Red Berry)
☐ Fire Thorn (Red or Yellow Berry)
☐ Holly Burkordi Red Berry
☐ Ilex Small Leaf Holly
☐ Liqustrum Lucidum (Wax Leaf)
☐ Photinia

☐ BEAUTIFUL FLOWERING SHRUBS, 2-year-old, 2 to 4 ft. Blooming-Size. 6 for $1.85 or 12 for $3.50. 1 Butterfly Bush, 1 Forsythia, 1 Weigela, 1 Scotch Broom, 1 Spirea Van Houttei and 1 Winter Honeysuckle.

☐ PROTECT your valuable PEACH, PEAR, PLUM, APRICOT and DOGWOOD TREES from damaging tree borers. Order U.S. approved "BORER-GARD" — fully guaranteed — easy to use instructions — only $1.49.

EXTRA BONUS . . . This complete bonus given with each order for $10.00 or 2 with order for $20.00:
1 Red Crepemyrtle 1 Rose of Sharon
1 Blue Hydrangea 1 Spirea Van Houttei

All of our plants and trees are State and Federal Inspected, free from disease and true to name . . . each tree is labeled . . . written money back guarantee and complete planting instructions with each order.

All orders for $5.00 or more prepaid . . . order for less than $5.00, add 75c for postage. Check the plants you want and send ad with your name and address to

ARAB NURSERY COMPANY

BOX 31 ARAB, ALABAMA

take just 30 SECONDS to read this amazing offer!

10 ROSE BUSHES ONLY $2.98!

GUARANTEE

On arrival, judge these rose bushes by any standard you please, if you are not more than happy with these fine rose bushes, return them at once and your money will be cheerfully refunded.

GUARANTEED FIELD FRESH DELIVERY TO YOU.

NOW AT PLANTING TIME we bring you an outstanding offer in 2-year-old, field-grown EVERBLOOMING Hybrid Rose Bushes!!! Selected for you 10 rose bushes from the following well known varieties: President Hoover (Tu-tone), Countess Vandal (Tu-tone), K. A. Victoria (White), Ami Quinard (Dark velvety red), Eclipse (Gorgeous yellow), Better Times (Glorious red), Red Radiance (Bright red), Talisman (Tu-tone), Crimson Glory (Velvety crimson), P. S. DuPont (Golden yellow), Pink Radiance (Luscious pink), Poinsettia (Christmas red), Blaze (Climbing red) and many other varieties famous for their blooming ability from coast to coast.

JUST IMAGINE for you this outstanding Home Gardeners hand selected assortment of large flowering rose bushes, that will dazzle your garden, spring and summer until late fall. These fine roses will range from soft pastel tints to warm rose, fiery scarlet, snowy whites, deep rich tu-tones. . . Yes, every color imaginable! All 10 beautiful Rose Bushes only $2.98 unlabeled. FIELD FRESH . . . DIRECT FROM THE NURSERY TO YOU!

SUPPLY LIMITED! ORDER TODAY FOR BEST SELECTION! Due to limited supply of these fine rose bushes, in grades up to #2, we reserve the right to fill orders from varieties available when order is received. So order NOW . . . TODAY!

FREE ROSE

We will enclose in your order ONE SPECIAL ROSE BUSH FREE of extra charge. Please send us the names and addresses of 3 of your neighbors.

1 NAME _____
ADDRESS _____
2 NAME _____
ADDRESS _____
3 NAME _____
ADDRESS _____

The Davie Rose Co. Box 792 Dept. A.2. Tyler, Texas

YES! I want to take advantage of the TERRIFIC ROSE OFFER! I understand that if I'm not more than pleased, I can return the plants at once and YOU WILL REFUND MY MONEY!

Please RUSH me by Return Mail _____ ORDERS of Rose Bushes at $2.98 each order

NAME _____
(Please Print)
Street _____ City _____ State _____

NURSERY STOCK

FRUIT TREES! Stark Bro's sensational new "Dwarfs"; also standard size, exclusive patented, trade-marked varieties produce abundant, larger, better apples, peaches, pears. All fruit faster growing, quicker bearing. Also beautiful ornamental trees and shrubs. Get giant new Colorphoto Catalog Free. Stark Bro's., Dept. 30027, Louisiana, Mo.

CHESTNUT TREES

Our trees are grown from selected nuts taken from heavy bearing trees. They are well grown, 3 to 4 feet high, with heavy root system and strong trunks. Blight resistant. The nuts have exceptional keeping qualities. Trees should produce in four to five years. Make ideal lawn or commercial-production trees. Excellent retirement insurance. 3 for $4.95, express collect. Write for quantity prices.

WALNUT HILL NURSERIES

1007 Clifton Road, NE., Atlanta 7, Ga.

SCUPPERNONG, MUSCADINE, Delicious, Productive, Profitable. Leading Varieties. Well Rooted. Circular Free. Whatley Nursery, Helena, Georgia.

ROSE BUSHES

ROSEBUSHES $6.00 DOZEN POSTPAID. Two years old everblooming, non-patented varieties. First grade, guaranteed no seconds. Direct from our fields to you. Malone Nursery, 502 South Broadway, Tyler, Texas.

ROSEBUSHES: 90 varieties, $3.50 dozen, up. Write, Tate Nursery, Rt. 3, Tyler, Texas.

PLANTS

PLANTS AND FLOWERS

12 GIANT FLOWERED AZALEAS for only $1.00 postpaid! 4 Pride of Mobile (watermelon pink), 4 Formosa (lavender), 4 Salmon! These are blooming size plants, 8 to 12 inches tall, branched and well rooted! Not wild azaleas, but the cultivated varieties that made the Mobile Azalea Trail and Bellingrath Gardens famous! Special! Save $1.00 and order 24 azaleas for only $5.00! C.O.D.'s accepted, postage collect. Palmetto Nursery, Box 4177-B, Mobile, Alabama.

GLADIOLUS, 125 Giant Exhibition Varieties. Dahlias, Tuberous Begonias, Gloxinias, Lilies, Cannas. Money Saving Specials. Free Catalog, Foley Gardens, Freeport, Illinois.

DAHLIAS: 5 GIANT, $1.00; 6 Medium, $1.00; 6 tiny flowering Dahlias, $1.00. All different. Double blooms. Named. Labeled bulbs. Postpaid. Growing instructions furnished. Catalog folder free. Todd's Farm, Suches, Ga.

GIANT CHRYSANTHEMUMS. Iris, Daylillies, 10 colors, $1.00. Thrift, Daffodils, Blackberry Lillies, 15, $1.00. 10 different pot plants $1.00. Houston Hughes, Russellville, Alabama.

LARGEST CARNATIONS, COLORS. Delphinium, Columbine, double Daisies, 3, $1.00. Hicks Florist, 2112-20th, Lubbock, Texas.

PEONIES: WRITE, Mrs. Blocker Knapp, 220 North Main, Madisonville, Kentucky.

BERRY PLANTS

STRAWBERRY PLANTS — Certified Blakemore, Robinson, Armore, Dunlap, Klondike, Premier, Aroma, Dixieland, Pocahontas and Tennessee Beauty, 100—$2.00, 200—$3.00, 500—$6.50, 1,000—$12.50. Everbearing—Gem, Superfection and Streamliner large thrifty plants will bear this year, 25—$1.00, 100—$3.00, 200—$5.00. 25 Blackberries, $2.00. 25—Thornless Boysenberries, $2.00. 25 Cumberland black raspberries $3.00. 25 Latham red raspberries, $3.00. 10 Concord grapes, 2 yr. heavy, $2.00. 12 large rhubarb, $2.00. Tree Everbearing blackberry—2 year bearing size, 3—$2.75, 6—$5.00. Everything postpaid cash with order or sent C.O.D. postage extra. Price list on request. We have millions irrigated strawberry plants grown on gravelly new land from virus free foundation stock. Wholesale prices on request. Ideal Fruit Farm, Stilwell, Oklahoma.

VIRUS FREE STRAWBERRY PLANTS: Blakemore, Missionary, Klondyke, Florida 90, $5.00 per thousand. Aroma, $6.00. Robinson, Tennessee Beauty, $8.00. Pocahontas, Gem Everbearing, $12.00; Superfection, $14.00. Express collect. 100 plants prepaid $1.50. 100 Everbearing $2.50. C. L. McDaniel, Harrison, Tennessee. Phone Filmore 4-6797.

STRAWBERRY PLANTS—Superb new varieties—Dixieland, Pocahontas, Albritton, Armore, Empire, Tennessee, Beauty. Best standard kinds—Premier, Catskill, Sparkle, Blakemore, Robinson, Fairfax. Wonderfully productive plants. Berry Book Free. Write today W. F. Allen Company, 42 Pine Street, Salisbury, Maryland.

STRAWBERRIES—Plant Superfection for berries this year. New methods with everbearers give outstanding results. Allen's 1957 Berry Book describes best varieties—best methods. Free Copy. Write today W. F. Allen Company, 42 Pine Street, Salisbury, Maryland.

STRAWBERRIES are ideal family income projects. One-tenth acre yields 650-900 quarts. Allen's 1957 Berry Book tells the best varieties and How to Grow Them. Free Copy. Write today. W. F. Allen Company, 42 Pine Street, Salisbury, Maryland.

STRAWBERRY PLANTS — Allen's 1957 Berry Book tells best varieties for home and market, and how to grow them. Free Copy. Write today W. F. Allen Company, 42 Pine Street, Salisbury, Maryland.

STRAWBERRY PLANTS: Virus free. Blakemore, Missionary, Klonmore, Florida 90, $5.00, thousand. Progressive Everbearings, Tenn. Beauty, $7.00, thousand. Bill Lane, McDonald, Tennessee. Phone Greenwood 64062.

STRAWBERRY PLANTS: Virus Free Blakemore, $5.00 thousand; Missionary, Klonmore, Fla. 90, $4.00; Tenn. Beauty, Progressive Everbearings, $6.00. Clyde J. Scoggins, McDonald, Tennessee.

CERTIFIED ALABAMA STRAWBERRY PLANTS: Blakemore, Missionary, Dunlap, 1,000, $4.30; Robinson, Tenn. Beauty, Massey, 1,000, $5.40. FOB. 100, $1.25. Postpaid. Jess Banther, Harrison, Tennessee. Phone FI 4-6708.

NEW VIRUS FREE STRAWBERRY PLANTS: All leading varieties, prices on request. Mullins Plant Farms, 410 Brookfield Ave., Chattanooga, Tennessee.

BERRY PLANTS

CERTIFIED BLAKEMORE STRAWBERRY PLANTS: 200, $2.00; 500, $3.50; 1,000, $6.00. Prepaid. Will J. Brown, Gunnersville, Alabama.

"OZARK BEAUTY," world's finest hybrid Everbearing Strawberry. Winn's Berry Farms, Westfork, Arkansas.

VEGETABLE PLANTS

ONION PLANTS — Choice Select Yellow or White Sweet Spanish, Yellow or White Bermuda, 500—$2.10; 1,000—$3.50; 2,000 — $5.45; 3,000 — $6.90; 6,000 (crate) — $10.50, prepaid. Austin Plant Company, Box 833, Austin, Texas.

PRIZE WINNING VEGETABLES

WITH *Guaranteed*

FIELD GROWN PLANTS

TOMATO, PEPPER, CABBAGE, ONION, LETTUCE, BROCCOLI, CAULIFLOWER, EGGPLANT, POTATO AND COLLARD.

Write today for FREE color catalog.

PIEDMONT PLANT CO., Dept. 2079 Albany, Ga.

CABBAGE PLANTS: Copenhagen, Round Dutch, Golden Acre, Wakefield. Express Collect. $2.00 per 1,000, postpaid $1.00 per 1,000. Onion plants, collect $1.50, postpaid $2.75 per 1,000. L. P. Legg, Rebecca, Ga.

SWEET TANGY ONIONS—grow them yourself—500 sweet onion plant assortment—$2.00 Prepaid-shipped fresh from Texas Plant Company, Box RF, Farmersville, Texas. "Home of the Sweet Onion."

TOMATO, ONION, CABBAGE PLANTS. Also Pepper, Lettuce, Broccoli, Eggplant, Cauliflower, Sweet Potato. Write for Free Catalog with Bargain Offers. Piedmont Plant Company, Dept. 207, Albany, Georgia.

READY NOW—ORDER TODAY

HARDY VEGETABLE PLANTS

Write Today For Our Complete List

CABBAGE and COLLARD PLANTS: 12 Varieties 100 For 90c P.P., 2,000 By Express $3.95

ONION PLANTS: 5 Varieties 500 For $1.50 P.P., 6,000 By Express $4.50

W. G. FARRIER PLANT CO.

Route 9 S. S. Brown Omaha, Texas

ONION PLANTS—Crystal Wax, Bermudas, Sweet Spanish, 500 $1.25; 1000 $2.25. Postpaid. Culver Plant Farms, Mt. Pleasant, Texas.

FREE: VEGETABLE PLANT CATALOGUE. Save by using our hardy field-grown plants. Bargain offers. Piedmont Plant Co., Box 684, Greenville, South Carolina.

WRITE US FOR PRICES ON healthy field grown vegetable plants. Omega Plant Farms, Anthony, Florida.

POTATO PLANTS

SWEET POTATO PLANTS

We Pay Postage or Express

Improved Porto Rican, Gold Rush, Nancy Hall, Red Bermuda and Bunch Porto Rican.

Ready around April 15. Book your orders early.

500	$2.50	5,000	$21.50
1,000	$4.50	10,000	40.00

FARMERS PLANT COMPANY

Gleason, Tennessee

SWEET POTATO PLANTS: Leading varieties. Write for prices and free Growers Guide. J. D. Dellinger, Gleason, Tennessee.

SWEET POTATO PLANTS

ALL VARIETIES

Free Information 2nd Price List

PETE TAYLOR, Gleason, Tenn.

SEEDS

LESPEDEZA SEED. We Produce Superior Quality. Ask for prices; Kobe-Korean-Sericea-Giant Striatta Crotolaria, No. 2 Kobe $9.50 per 100 lbs. tagged for processing. Stegall and Company, Marshville, North Carolina.

MORRIS IMPROVED HEADING COLLARD SEED. 2 ozs., 50c; 5 ozs., $1.00; pound, $2.00. Postpaid. E. Morris and Son, Maxton, North Carolina.

CALIFORNIA BEER SEED with directions, $1.00. Calvin Perkins, Mathiston, Mississippi.

GINSENG AND GOLDENSEAL

WORLD'S GREATEST CASH CROP — Free Information. Ginseng Gardens, Asheville, N. C.

GINSENG, GOLDENSEAL ROOTS bring $2.50-$14 pound. Free Information. F. B. Collins, Viola, Iowa.

HAY

ALFALFA—CLOVER—TIMOTHY. Inspection Quality Guaranteed. Art Callari Hay Company, Upper Sandusky, Ohio.

KUDZU

KUDZU CROWNS—Drouth resistant, a soil conserver, a land builder, makes the finest of feed for all livestock. Write for "Facts about Kudzu" and prices on Select Kudzu Crowns, Plants and Kudzu Seed. B. W. Middlebrook, The Kudzu Farms, Barnesville, Georgia.

CORN SEED

Pigott's Little Red Cob Corn

White Variety (originator) Yellow Variety, Small Red Cob—Long Grain (Shoe Peg Type). Will shell as much as six bucks per 100 pounds in the shuck. Experiment test over a period of years has proven this one of the best drouth and weevil resistant corns ever developed in the South. White Variety—Peck, $1.80; ½ bushel, $3.40; bushel, $5.50; not prepaid. Yellow Variety—Peck, $1.60; ½ bushel, $3.00; bushel, $6.00; not prepaid.

JEWELL W. PIGOTT

TYLERTOWN MISSISSIPPI

—Buy Originators Seed—

COTTON SEED

PLANT HALF AND HALF The WONDER COTTON

As high as three bales per acre and fifty percent lint, this early big boll cotton makes when all others fail. Improved long staple, excellent stormproof features, pulls good, picks good and strips good. Big yields in dry years on any kind of soil. Order these high bred, culled and treated seed from me now for only $11.00 per 3-bushel sack and I pay all the freight.

Write today for free information and proof of my claims.

LESTER HAILE

Box 37 Whitewright, Texas

COTTONSEED—Half and Half, Mebane, Qualla, Empire, Rowden, Deltapineland. $8.95 sack three bushels. Freight paid. J. R. Oliver—Farmer, Route 2, Whitewright, Texas.

WATERMELON SEED

OKLAHOMA CERTIFIED BLACK DIAMOND, Yellow Belly Black Diamond, Congo, Charleston Gray. I personally grow, harvest and process all my seed. $2.50 per pound. Postpaid. Free Catalogue. B. H. Southerland, Rush Springs, Oklahoma.

WATERMELON SEED: Blue Ribbon Winner Certified Black Diamond; 77 leaders; All grown exclusively for seed; Catalog with planting guide free. Willhite Farms, Poolville and Weatherford, Texas.

FOR SALE: WATERMELON certified Charleston Gray $1.50 lb.; Blackstone $3.00; Congo $1.25. Postpaid. L. Roy Burgess, Seedsman, Liberty, South Carolina.

POULTRY—FOWL

POULTRY

EASTER EGG CHICKENS, lay blue, green eggs; Quality Bantams; Yokahamas stock eggs. King, 2318 Avenue E, Bay City, Texas.

"Blue Ace and Broilers"

"Keep layers 5-years"

LAYING HEN AND BABY CHICK PUT ALL AGES ON BLUE ACE.

"Hogs and Live Stock"

8-Oz. $3 postpaid, Satisfaction guaranteed.

Free "Booklet-100-Breeders." Blue Ace, Dept.-F, 1803 Beechwood Ave., Nashville 12, Tenn.

JERSEY GIANTS

SUPERFINE GIANTS. Others. Pictures. Descriptions. Write Thomas Hatchery, Pleasanton, Kansas.

BABY CHICKS

ASSORTED MIXED CHICKS. $4.90—100! Assorted Heavies $5.90—100! Selected breeds, your choice $7.90—100! White Rocks, Reds, Barred Rocks, Wyandottes, Indian Rivers, White or Brown Leghorns, Leg Hamps, Austra Whites, (Straight Run) Select your favorite Breeds, only $7.90—100! No cripples! No culls! Send check or money order for prompt shipment, or order now for future shipment at these low prices! We pay postage on all orders! Our guarantee of Live Delivery backed by over 30 years' experienced, dependable service. Send for Free Price List. Atlas Chick Co., Dept. FRSA, St. Louis 3, Missouri.

"WHY PAY MORE!" Finest Heavies $4.90—100 COD, sex, breed as available (Positively No Leghorns). Assorted Heavies guaranteed Straight Run $7.95—100. Deluxe New Hampshires, Rhode Island Reds, Barred Rocks, White Rocks, Wyandottes Straight Run $9.95—100. Heavy Breed Pullets $16.95. White Leghorn Pullets $24.95—100 or Straight Run $9.95. Pekin Ducklings 12—$4.25. Broadbreasted Turkey Poults 15—$12. Bloodtested. Live Delivery Guaranteed fob nearest hatchery. Ruby Chicks, Dept. SA9, Norfolk, Virginia."

FREE FEED — Chick Starter Free for your chicks. Chick prices $2.90—100 up. All heavies $7.90—100 postpaid. We hatch White, Barred Rocks; Reds; Silver Laced and White Wyandottes; Giants; Orpingtons; Australorps; White, Brown Leghorns; Black, Buff Minorcas; Austra Whites; Minorca Leghorns; Gray Leg' ens; Hamp Whites; Anconas; Cornish meat crosses. Send for catalog and Free Feed offer. Scott Hayes Chicks—Order Office—Dept. 5-F, Bloomington, Ill., Minneapolis, Minn., Madison, Wis.

BABY CHICKS $5.75—100 COD. Rocks, Reds, Hampshires, Crosses. Price at Hatchery. Surplus Chick Co., Milesburg 6, Pennsylvania.

BABY CHICKS

JULIAN'S FAMOUS CHICKS

For Greater Profits – Champion Bloodlines – U. S. Approved Assorted Chicks. Pullorum Passed. Bloodlines as high as 346 egg in our best grade Leghorns

AAA Julian's – King Size WHITE LEGHORNS, Legshires, Brown Leghorns. AUSTRA-WHTS., Hamp-Whts. St.Run 8.90 per 100 Pullets 16.90 per 100	AAA WHITE ROCKS NEW HAMPSHIRES PRODUCTION REDS St. Run 8.90 per 100 Pullets 14.90 per 100 Cockerels 7.20 per 100	AAA Jr. Roosting Age PULLETS 28.90 per 100

Low Prices on Famous Top Cross Hybrids. Free Catalog. Air Shipments. fob.
JULIAN'S FARM HATCHERY Box 151-FR, Clinton, Missouri

FREE 24 PAGE CAGE LAYER BOOK. Dirkse Superior Layers. One of the top profit makers in Random Sample Tests; only 40c. 100% Prepaid live arrival, 100% livability for 2 weeks, 100% sexing, and 265 Eggs Per Hen Guaranteed for period 18 months. Unequalled consecutive 10 year National Laying Test Records on Pure Darby Strain. Specialists in Baby Pullets and 4 weeks old. Prepaid anywhere East of the Rockies. Test Records and catalog Free. Dirkse Leghorn Farm, Box 169-S, Zeeland, Mich.

21 BREEDS. CASH ORDERS PREPAID. Catalog Free. White Rocks, Hamps, $10.90, Pullets $16.90. White Leghorns, Austra Whites, Hamp Legs, Min Legs, $10.90, Pullets $23.90. Barred Rocks, Reds, White Wyandottes, White Giants, Silver Wyandottes, Buff Orpingtons, Black Australorps, $13.90, Pullets $18.90. Brown Leghorns, Anconas, Buff Minorcas, Gray Leghorns, $11.90, Pullets $24.90. Broilers: Lights $2.90, Heavies $7.90. Scott Hayes Chicks, Dept. 5-D, Omaha 4, Nebr.; Vandalia, Ill.

Rice's GIANT TYPE Lopped Comb WHITE LEGHORNS

Okee L. Rice

White Rocks, Legshires, New Hampshires, Brown Leghorns, Austra-Whites
701 White Egg Layers
asst'd. fob.

Straight Run	Pullets	Jr. Roosting Age Pullets
$8.85 per 100	$14.85 per 100	$32.90 per 100

Write for – FREE CATALOG
RICE HATCHERY, Box 209-FR, Clinton, Mo.

ATZ'S FAMOUS CHIX—Famous for What? Atz's insists on a customer getting dollar value. Our resources are unlimited to make a satisfied customer. 60,000 people cannot be wrong. We mail to 40 states successfully. 100% alive guaranteed. Write now for prices. You'll be glad you did. For Meat, Big Boy Broilers. For Production we have pedigree strains up to 353 eggs. Your visit to Hatchery is cordially invited. Pullorum-Typhoid Clean. Atz's Mammoth Hatcheries, Inc., Huntingburg, Indiana.

BIG ENGLISH TRUE TYPE LEGHORNS. 358 eggline breeding. Mammoth White Rocks, New Hampshires, Austra-Whites, Hamphorns, Legshires, Production Whites. St. Run $9.90, Heavy pullets $14.90, Surplus cockerels $3.95, Leg. cockerels $1.95. Also sexed pullets and started chicks. Write for catalog and price list showing these wonderful layers. All U.S. Approved—Pullorum Typhoid Clean. Clinton Chickeries, Box 87-T, Clinton, Missouri.

LARGE TYPE BIG EGG WHITE LEGHORNS

BARGAIN PULLETS $16.95 per 100 FOB

Mo-Line 360 White Egg Layers 331 Egg Records

Also, **IN-BRED TOP CROSS HYBRIDS.** 3 Matings—**PREPAID.** Get our New Catalog and Low Prices. U.S. Approved Pullorum Clean. SUPER-TEST Chicks "Farm Tested" for more eggs on LESS feed. 31 years constant Breeding has increased Profits with SUPER-TEST Chicks. Over 25 million sold to Customers in 40 States. 100% Live Delivery—14 Day Replacement Guarantee. Early Order Discounts.

Assorted Cockerels $2.89 100 FOB

AUSTRA WHITES
HAMP-WHITES
DEL X HAMPS
NEW HAMPS
WHITE ROCKS
PROD. REDS

MISSOURI STATE HATCHERY, Dept. B, Butler, Mo.

QUALITY CHICKS. 100% Pullorum Tested. New Hampshires, White Rocks, Barred Rocks, Austra Whites, White Leghorns, Hamp Whites, $9.95 per 100; Heavy Pullets, $14.95; Heavy Cox, $7.90; White Leghorn, Austra White and Hamp White Pullets, $18.95; Hybrid cockerels, $3.95; Leftovers, $2.95; Mixed cockerels, $1.95. 100% Alive. Free catalog. Pleasant View Hatchery, Gerald, Missouri.

SUNNY-LAND CHICKS. Easy to raise. Free Catalog. Discounts up to $3.00 per hundred chicks. Twenty-one years of improvement behind our famous chicks. Hardy, free range. Pullorum, typhoid tested breeders. 300 egg strains. White, Brown Leghorns. Famous Austra-Whites. White Rocks. Buy good chicks. It pays. Guaranteed arrival. 95% Sexing. Lowry City Hatchery, Lowry City, Missouri.

CHICKS Immediate or Future Shipments $3.85

We hatch 9 breeds each week. Some are left unsold. They may be White or Brown Leghorns, Austra-Whites, Hamp-Whites, White Rocks, New Hamps, Black Austra-lorps, Del-Hamps and Cornish Cross—all good strong chicks, pullets, cockerels, and unsexed, which we mix together and ship you for just $3.85 per 100, F.O.B. No sex or breed guarantee but guaranteed mixed. Shipping January to June 15.

Chapman Poultry Farm Box FR Calhoun, Mo.

BUY BRED-TO-LAY CHICKS IMPROVED with high egg-production stock. U. S. Approved Pullorum Clean. White Rocks, New Hampshires, White Wyandottes, RI Reds, Barred Rocks, $10.95. Pullets $16.90. Heavy Cockerels $6.95. White Leghorns, Austra-Whites, Anconas, $10.95. Pullets, $21.95. Light Cockerels, $1.75. Live delivery. Free catalog. Fulton Hatchery, Box 6-8, Fulton, Missouri.

SURPLUS HEAVIES: Your choice as hatched. $9.95 COD plus postage. Mailed quick. Adams Chicks, Spencer, West Virginia.

$4.75—100 AAAA Reds, Rocks, Crosses, as available, plus postage COD. Live. Prompt. NESCO Chicks, Route 1, Columbia, South Carolina.

GREAT LAYERS OF OUR TIME, brought about by 37 years of balanced breeding. Imperial White Leghorns, High Egg Bred Super Hampshire Reds, Rocks. We shipped 1,000 chicks to Venezuela, South America; all arrived alive. Results, order for 75,000. Hundreds of testimonials, free literature, how to reduce feed costs, low prices. Trail's End Poultry Farm, Gordonsville, Virginia.

Make MORE MONEY with these chicks!

Many customers report RIVERSIDE CHICKS by far the best producers! Be your own judge. Try RIVERSIDE highest-laying strain in your favorite breed this year. Hatching 22 breeds including first generation Babcock, Mt. Hope, Parmenter, Parks, Holtzapple, Nedler. ALSO, NEW RIVERSIDE "S-X" STRAIN-CROSS WHITE LEGHORNS! Send TODAY for complete free kit of information! — **One of the South's oldest hatcheries, Pullorum-Typhoid clean-low priced best grade chicks!**

RIVERSIDE HATCHERIES
Box 1391H Knoxville, Tenn.

FOR YOUR BROWN EGG TRADE—Use our red Ames In-Cross brown egg hybrid layer. Exceptional livability. Uniform, rich brown eggs. Less than ½ of 1% blood-spots. Weighs about 5½ lbs. Adapted to cages. We also hatch Production R.I. Reds. Write for information and prices. Durr Hatchery, 209 Peters St., S.W., Box S, Atlanta 3, Georgia.

MURDOCK CHICKS, BARGAINS. For eating: Barnyard Special, 30% Heavies $3.95; Assorted, All Heavies $5.95. Live delivery. Heavies, as hatched $7.95. Heavy Pullets $13.95. Brokers. Egg Breeds (Leghorn type): Pullets $17.95; Broilers $1.95. C.O.D. shipping costs. Murdock Chicks, Dept. 5-E, Omaha 4, Nebr.; Knoxville, Tenn.; Houston 10, Texas.

Quick Meat Cockerels

Brown and White Leghorn Ckls.. $1.90 per 100. Both make quick fryers. NEW SUPER CROSS MEAT CKLS.. giant type. only $3.45 per 100. Mixed Cockerels $2.45 per 100. C.O.D.. F.O.B. Immediate shipment.

MARTI POULTRY FARM
Lake Road Windsor, Missouri

67 RARE VARIETIES BABY CHICKS, Eggs, Breeding Stock, Ducks, Geese, Chickens, Bantams. Free handsome catalogue, colored pictures showing Lakenvelders; Polish; Hamburgs; Andalusians; Sussex; Turkens; Cornish; Houdans; Langshans; Minorcas; Buttercups; Anconas; Brahmas. Murray McMurray, Box B27, Webster City, Iowa.

MONEY MAKING CHICKS. Pullorum, Typhoid Clean. Brew for big profit eggs or meat production under ordinary farm conditions. Many matings sired by R.O.P. males. Day old or started chicks. Duckling—turkey poults weekly. Write for big early order discounts. Mt. Healthy Hatcheries, Mt. Healthy, Ohio.

New, Better Layers at Lower Cost

Helm's pedigree-sired chickens produce big eggs . . . eat less feed. Many awards in egg laying contests. Pullorum-typhoid clean. Free book, big savings.
ILLINOIS HATCHERY Box 5 Metropolis, Illinois

"BIRDIE SPECIALS"—$4.90—100. Guaranteed at least half heavy breeds. Other chicks $1.90—100 up. All shipments C.O.D. plus shipping. Send for sensational bargain catalog. Send to order office nearest you. Write EARLYBIRD CHICKS, Dept. 5-B, Wheeling, West Virginia, Shreveport, Louisiana.

SEND NO MONEY For Our Pullorum Typhoid Clean Chicks. 28 Breeds. Our special breeding builds healthy chicks that really pay off—Both on the Market and at the Nest. Write Now, Don't Delay, for sensational big early order discount. Yesterlaid Chick Hatchery, Sardinia, Ohio.

SURPLUS CHICKS! 100,000 weekly. Per 100, fast developing Broilers $1.95, early maturing fryers (No Leghorns) $3.95, large Crossbreeds $4.95, fullbreasted Hybrids $5.95. Ship C.O.D. 40c per order handling charge, plus postage. Postcard brings immediate delivery. White Feather Chicks, Route 3, Fairmont, Minnesota.

NEW AND BETTER LAYERS at lower cost. Helm's pedigree-sired chickens produce big eggs . . . eat less feed. Many awards in egg laying contests. Pullorum-typhoid Clean. Free book, big savings. Illinois Hatchery, Box 5-B, Metropolis, Illinois.

65 BREEDS. FOB. Surplus, Rocks, Reds, Wyandottes, Minorcas, Leghorns, Crosses, Hybrids, $5.99; Pullets, $13.99; Heavies, $4.99; Mixed, $3.99; Leftovers, $2.99; Deepfreeze, $1.49. Catalog. Everybody's Chicks, Clinton, Missouri.

SCOTS HI-CROSS: Thrifty, White Egg Topcross Hybrid Strain Cross. Hybrid qualities, superior Strain Cross. Guaranteed Pullets $39.90. Free Feed with order. Free Catalog. Scott Hayes Chicks, Dept. 5-A, Omaha 4, Nebr.; Vandalia, Ill.

AAAA PREMIUM QUALITY Big Type Brown, White Leghorns, Austra-Whites, New Hampshires, Rocks, Hamp-Whites—$7.90. Pullets—$13.90. Assorted $3.90. Postpaid. Free Catalog. Osage Valley Hatchery, Osceola, Mo.

ONE GRADE—5 STAR QUALITY. 24 Breeds. Free catalog. White Rocks str. $9.95; White Leghorn Pullets $19.95. F.O.B. Murdock Chicks, Dept. 5-G, Omaha 4, Nebr.; Knoxville, Tenn.; Houston 10, Texas.

BABY CHICKS

WHITE, BARRED ROCKS, Reds, Hampshires, Hamplegs, Austrawhites, Leghorns, $6.99; Pullets, $12.99; Heavies, $5.99; Leftovers, $4.99; Surplus, $3.99! Unclassified Broilers, $1.49. FOB. Bush Hatchery, Clinton, Missouri.

ROCKS, REDS, HAMPSHIRES, LEGHORNS, 26 Breeds, $6.99; Pullets, $13.99; Assorted, $4.99; Unclassified, $1.49; 100 Extra Pullets offer 99c. FOB. Southwest Chicks, Waco, Texas.

FREE CHICK FEEDER—WITH EACH 100 CHICKS — MEATY BROILERS

Mixed Cockerels $1.95, AAAA $2.45, Meat Type Fryers $3.95, AAAA $4.95, Heavy Breed cockerels $5.95, AAAA $6.95, 100% Alive. Pay Postman COD. **Order Now.**

SURPLUS COCKERELS $1.49 PER 100 F.O.B.

MISSOURI STATE HATCHERY, Dept. 2, BUTLER, MO.

LARGE FAST GROWING BROILERS. Ideal deep-freeze chicks. $1.95 per 100. FOB. A & B Hatchery, Clinton 3, Missouri.

HD62 THE CHAMPION LAYER of today. Hanson Strain Leghorns. Holtzapple White Rocks. Three egg bred Crosses. Get our Catalog before you buy. Theo. Jeschke, St. Joseph 62, Missouri.

GUARANTEED HEAVY BREEDS $4.50 per 100. Chicks for Fryers, 200 for $5.00. COD. Diamond Chickery, Newfield, New Jersey.

ANCONAS

SHEPPARD FAMOUS ANCONAS. Illustrated literature—prices. Thomas Hatchery, Pleasanton, Kansas.

BROILER CHICKS

EXTRA QUALITY BIG Bloodtested Broiler-Fryer Chicks, 100, $1.95; 400, $7.50. Quick COD shipment. Crestwood Farms, Sheridan 2, Pennsylvania.

MINORCAS

GOLDEN BUFF MINORCAS

World's Largest Producer. U. S. Approved Pullorum Clean. 31 years Breeding-Pioneer Strain. Easy to raise. More Eggs on Less Feed. Big Discounts on Day Old. Prepaid. Started Pullets. Colored Picture Catalog Free. Kircher's Buff Minorcas, Dept. A, Butler, Mo.

STARTED CHICKS

37 YEARS SELLING 3, 4 and 6 weeks old Started Chicks. Cheaper than you can raise them; out of danger—saves labor. Also, Baby Chicks. Capons, Danish Brown Leghorns, Parmenter (Production) Reds, New Hampshires, White Rocks and White Leghorns. Send for prices. Moser Hatchery, Box S, Versailles, Missouri.

DANISH BROWN LEGHORNS

STARTED BIG DANISH BROWN LEGHORN Chicks and Pullets 2 to 6 weeks old. Cheaper than you can raise them. Strong as Missouri mules. Also, White Leghorns. Our 37th Year. Moser Hatchery, Box L, Versailles, Missouri.

DANISH BROWN LEGHORNS

Phenomenal laying chicken famous as Europe's "Egg Queen"; Lays large snow white eggs: Extra sturdy: Lays early and all year. Imported direct. Catalog free:
Smith Chickeries, 475B Monroe, Mexico, Missouri

AMERICA'S LARGEST PRODUCERS, direct importers, heavy-producing Danish Brown Leghorn Chicks. Snow-white eggs. Special prices, free information. Smith Chickeries, 407 Monroe St., Mexico, Missouri.

HELM'S DANISH BROWN Leghorns. Official records 317 points. Bigger bodied. Larger eggs. Illinois Hatchery, Metropolis, Illinois.

WHITE LEGHORNS

IMPROVE YOUR EFFICIENCY WITH DURR'S LAYERS

MORE EGGS and bigger eggs from Durr's All-Leghorn cross. Also puts more pullets in laying house. Very efficient layers.

THE BEST EGGS going to market are yours, if you have Ames In-Cross hybrid layers. They make it easy to meet egg law standards.

Write for Information and Prices
DURR HATCHERY
109 Peters St., S.W. Box S Atlanta 3, Ga.

LARGE WHITE LEGHORNS

Strain Crosses. Hybrids. CAGE LINES. Calif. Grays. Red Leg A-W. H-W. 300 Eggers. Best for Floor. Cages. U. S. CLEAN. FREE CATALOG. WRITE NOW.

PULLETS 16.95 Per 100 COCKERELS 1.50 Per 100

ORTNER FARMS BOX C CLINTON, MO.

DUCKS & GEESE

MONEY MAKERS! Giant white Pekin ducklings. Fast growing—ready for market in 9 weeks. 12—$3.75; 25—$7.00; 50—$13.50; 100—$25.95, plus postage. Send money order for quick shipments. Mt. Healthy Hatcheries, Mt. Healthy, Ohio.

GOSLINGS: PURE-BRED WHITE CHINESE. Quality. Guaranteed shipments. Cyril McCarthy, Box 342N, Sturtevant, Wisconsin.

GOSLINGS, DUCKLINGS, WEEDER GEESE. Free literature. Heart of Missouri Poultry Farm, Box 237F, Columbia, Missouri.

GOSLINGS, ALL BREEDS, pedigreed stock. Free descriptive literature. Ridenour's Ranch, Goulds 37, Florida.

GOSLINGS—Wholesale and retail 79c up. Literature free. Warwick Goose Farm, Denbigh, Virginia.

TURKEYS

BROAD DOUBLE BREASTED bronze and broad breasted whites. Big profitable turkeys. Pullorum typhoid clean. 12—$10.50; 25—$20.50; 50—$38.00; 100—$69.00, plus postage. Immediate shipment. Mt. Healthy Hatcheries, Mt. Healthy, Ohio.

QUALITY POULTS. Six varieties. Broader breasts. Prize strains, 39c up. Order early. Turkeys, B5, Spencerville, Ohio.

TURKEY POULTS AND EGGS

ORDER WITH CONFIDENCE. Beltsville Whites, Broad Breasted Bronze, Broad Whites. Typhoid-Pullorum clean. Exclusive turkey hatchery. 100% live delivery guaranteed. Poults prepaid. Eggs available. Remlik Hall Turkey Farm, Box 12, Remlik, Virginia.

INCUBATORS

ALL SIZES—Big Hatches Game Birds, Waterfowls. Circular. Will Schadt, Goshen, Indiana.

LIVESTOCK AND POULTRY EQUIPMENT

BROWER FEED MIXER SAVES YOU $8-$10 a ton by mixing your own Feeds. Perfect mixes in ten minutes. Five sizes 700 to 4,000 pounds capacities. World's largest seller . . . over 10,000 in use. Sold on 30 day trial. Priced low, cash or time payments. Free Catalog. Brower Manufacturing Co., Box M-76, Quincy, Illinois.

WRITE FOR BROWER'S Big Free Poultry and Livestock Equipment Catalog and Guide. Chock-full valuable poultry raising information. World's largest line poultry supplies, battery broiler plants. Lowest prices. Brower Mfg. Co., Dept. M-57, Quincy, Illinois.

BUSINESS OPPORTUNITIES

BUSINESS KIT FREE! Postcard puts you in business! Complete line. 160 shoe styles, also jackets. New discoveries pay Big commissions. No investment. Send for Free Kit. Mason Shoe, Dept. C-70, Chippewa Falls, Wisconsin.

$$$GROW MUSHROOMS. Cellar, shed. Spare, full time, year round. We pay $3.50 lb. We have over 25,000 customers. Free Book. Mushrooms, Dept. 153, 2934 Admiral Way, Seattle, Washington.

SHINE CARS WITHOUT "POLISH." New invention. Lightning seller. Cars gleam like mirror. Samples sent on trial. Kristee 108, Akron, Ohio.

TO $100.00 WEEKLY. Sparetime, Home operated mail-order business. Successful "beginner's" plan. Everything supplied. Lyon, 10420-FR National, Los Angeles 34.

$70 WEEKLY—Home, spare time. Simplified mail bookkeeping. Immediate income—easy! Auditax, 34737F, Los Angeles 34.

MONEYMAKING OPPORTUNITIES GALORE! Free copy. Popular Mechanics Classified, 200-FR East Ontario, Chicago 11.

$60 WEEKLY, spare time—easy! Home Venetian Blind Laundry. Free book. Burtt, 2434AU, Wichita 13, Kansas.

MONEY-MAKING OPPORTUNITIES

$13.00 PER THOUSAND for home addressing. City, rural. No selling. Detail for stamp. H. M. Service Box 7215-F, Los Angeles 37, California.

FREE BOOKLET ON RAISING HYBRID Earthworms for profit. Write J. & E. Worm Farm, Box 781, Macon, Georgia.

$200. MONTHLY POSSIBLE mailing circulars. Hall Agency, 102 Francis Street, Providence, Rhode Island.

HOBBIES

LEATHERCRAFT

FREE. Complete illustrated catalog, Leathercraft kits, supplies. Also big Metalcraft catalog. Write now for either or both. J. C. Larson Co., Dept. 6383-C, 820 S. Tripp, Chicago 24.

FREE "DO-IT-YOURSELF" Leathercraft Catalog. Tandy Leather Company, Box 791-A19, Fort Worth, Texas

PHOTO FINISHING

FREE ROLL OF FILM. Send this ad with your first order for developing and printing, and get free film roll (size 620, 120 or 127). Your roll developed and dated jumbo prints in wallet folder, 8 exp. roll 50c; 12 exp. 60c. Or roll developed and 16 dated contact prints in wallet folder, 50c. Certificate for 3 5x7 enlargements. (Free film offer expires March 31). Owl Photos, Dept. 9, Weatherford, Okla.

FREE ROLL FILM

(With Your First Order)

Send 50c and 1 roll of exposed film or 10 negatives for reprints and you will receive one roll of guaranteed camera film free with your pictures. This ad must accompany order.

CHER-O-KEE SCOUT

Mail Order Photofinishers

ATHENS, TENN.

KODACOLOR—5 days. Save 30% on lovely, sparkling color pictures. Write for discount coupon or send roll with this ad. 8 exp. $2.45, 12—$3.32. Introductory special. Delco Color, Box 362FR, Upper Darby, Pa.

8x10 ENLARGEMENT 65c. Two $1.00. Twenty Wallets $1.00 From one photo or negative (returned). Heavy Matt Paper. Hammond Studios, Box 1103, Hutchinson 7, Kansas.

PHOTOS COPIED 24 for $1

WALLET SIZE DELUXE PRINTS
One Pose Only
SEND ANY SIZE PHOTO OR NEGATIVE
Original Picture Returned
JIM DANDY, DEPT. 3, NEWBERRY, S. C.

FREE 5x7 ENLARGEMENT (with each roll) Beautiful Lifetime Jumbo Prints. 8 Exposure Roll—40c; 12 Exposure Roll—50c; Reprints—5c. Free Mailers. Delta Photo Service, Box 6131, University, Alabama.

SPECIAL OFFER

Send your name and address for Color and Black & White price list to

JACK RABBIT COMPANY
SPARTANBURG, S. C.
Since 1920 — The Name You Know

BEAUTIFULLY COLORED 8 x 10 enlargement from negative, photograph, $1.00; four, $3.00. Surgals, Box 849, Chicago.

PHOTO FINISHING

BEAUTIFUL PORTRAITS. 22 WALLETS (3 colortoned) from photo or negative (returned) $1.00 Manerco FR20T2, Sweetwater, Texas.

ROLL DEVELOPED, 8 beautiful enlarged prints 25c; 12—35c. (Trial) 10 reprints 40c. Quick service. Willard's, Box 2553D, Cleveland, Ohio.

TWO BEAUTIFUL 8x10 OILCOLOR portraits from any photo or negative (returned) $1.00. Portraitco, FR7806 Sweetwater, Texas.

FREE 5x7 ENLARGEMENT with each roll. 8's, 35c; 12's, 50c. Smith, Box 511-A, Marshall, Texas.

12 JUMBOS FROM ROLL developed 35c, 8 Jumbos 25c, with this ad only. G. Skrudland, Lake Geneva, Wisconsin.

NEGATIVES REPRINTED 2c each. Fifty, $1.00. Lisa Photos, High Point, North Carolina.

OIL COLORING PHOTOGRAPHY

OIL COLORING PHOTOGRAPHS can be a fascinating hobby or profitable sideline for those with artistic talent. Learn at home. Easy simplified method. Send for free booklet, National Photo Coloring School, 835 Diversey Parkway, Dept. 1593, Chicago 14.

INTEREST TO WOMEN

PLANNING TO BUILD? Then you'll want to order the new FARM AND RANCH Home Building and Beautification Book. Contains sketches of over forty FARM AND RANCH homes, plus helpful "how-to-do-it" information on building or remodeling. Just send $1.00 to FARM AND RANCH, Dept. FR-3, 318 Murfreesboro Road, Nashville, Tenn.

$500 FOR YOUR CHILD'S PICTURE (All Ages). Thousands paid by advertisers. Send one small picture. Returned with judges' report. Print child's, parents' name, address on back. Spotlite, 8346 CF-3 Beverly Blvd., Hollywood, California.

I'LL SEND YOU full-size famous Blair home products for Free Trial, to help you make more money, spare time or full time. Show friends, neighbors, take easy big orders, make generous profits. Write Blair, Dept. 29B3, Lynchburg, Virginia.

UNHAPPY BECAUSE OF PIMPLES, oily skin, blackheads? Improve the looks of your skin by simple home treatments with Sixteen Lotion. Quick and effective-money back guarantee. Send $1.25 for your bottle, postpaid. No C.O.D.'s please. Sixteen Laboratories, Darling 31, Pa.

BUY WHOLESALE! Nationally Advertised Merchandise. Furniture, clothing, housewares, electric appliances, auto accessories, farm equipment, tools, hobby supplies, most anything. 25 free catalogs. Details free. Associated Wholesalers, 1016-RA Starr, Burlington, Iowa.

GIVEN WITHOUT ONE PENNY cost to your Church or Group—Sensational 48-cup Automatic Electric Percolator. Just have 10 members each sell only five bottles Famous Flavoring. No money needed, ever. Write Anna Elizabeth Wade, 2358 Tyree Street, Lynchburg, Virginia.

$100-$200 MONTHLY POSSIBLE, addressing envelopes, postcards, from mailing lists at home. Longhand, typewriter. Detailed Instructions only 25c! Economy Publishers, Box 1686, Clearwater 6, Florida.

HOMEMAKERS, JOIN THE Homemaker's Recipe and Hobby Exchange. Make money working from your home. Win prizes too. Literature for 3c stamp. Homemaker's, Box 7213-MF, Los Angeles 37.

$500 FOR YOUR CHILD'S PHOTO, all ages, if used for advertising. Send photo for approval—free camera offer. Returned two weeks. Advertisers, 6000-RBC Sunset, Los Angeles 28.

WHOLESALE CATALOGS! 30-80% Discounts! Appliances, Musical Instruments, Typewriters, Tools, Watches, Jewelry, Cameras, Housewares, etc. Consolidated Distributors, 1300 Main, Clifton 7, New Jersey.

PREPARE ADVERTISING LETTERS. Mail to Our Name Lists. $50 weekly possible. Adams, 11603-E Paramount, Downey, California.

CALIFORNIA SWEET SMELLING BEADS. Sensational sellers. Particulars free. Mission, 2328 FR, W. Pico, Los Angeles 6, Calif.

PROFITABLE HOME Business. Make fast-selling Chenille monkey trees, Dolls, Flowers, Christmas corsages. Literature Free. Velva, Bohemia 22, New York.

$200 MONTHLY POSSIBLE. Sewing Babywear! No house selling! Send stamped, addressed envelope. Babygay, Warsaw 11, Indiana.

STOP THROWING AWAY THOSE BOXTOPS! They're worth money! Some, 25c each! Inquire: Boxtops-F, Cedar Hill, Texas.

MAKE MONEY SEWING AT HOME, part or full time. We instruct No Selling. Free details: Jud-San, 518 E. 105th, Dept. C-6, Cleveland 8, Ohio.

SPARETIME HOMEWORK! Guaranteed Pay. No Selling. Everything Furnished. Enterprises, 229 Adams, Boston 22-E, Massachusetts.

SEWING MACHINE BROKEN? Parts supplied all makes. Catalog 10c. Payne, 2330 Terry, Jackson, Mississippi.

LEARN PROFESSIONAL cake decorating. Details free. Deco-Secrets, Venice 24, Calif.

MAKE MONEY ADDRESSING ENVELOPES. Our instructions reveal how. Glenway, Box 6568, Cleveland 1, Ohio.

MAKE MONEY Clipping Newspaper Items for Publishers! Write, Newscraft, SA-983-E. Main, Columbus 5, Ohio.

EARN $50 FAST sewing our precut products. Information 3c. Thompson's, Loganville FR, Wisconsin.

SEW OUR CUT APRONS Sparetime. Easy, Profitable. Apron Enterprises, Ft. Smith 6, Arkansas.

SEND RAW WOOL to us for blankets. Free literature. West Texas Woolen Mills, 406 Main, Eldorado, Texas.

IF INTERESTED in home addressing and mailing write, Fowler Distributors, Muncie 7, Indiana.

SEW APRONS at home for stores. Easy, profitable home self-employment. Write: ADCO, Bastrop, Louisiana.

SEW BABY SHOES at home! $40 week possible. We contact stores for you. Tiny-Tot, Gallipolis 9, Ohio.

$30.00 WEEKLY MAKING ROSES. Easy, Write Studio Company, Greenville 8, Pennsylvania.

$25 WEEKLY POSSIBLE, sparetime, addressing envelopes at home. Temple Co., Muncie 19, Indiana.

EARN GOOD MONEY collecting names for us. Write, Leeway, Mountain View FR-10, Oklahoma.

"SAVE 50% ON COFFEE, anywhere. Guaranteed. Write: Caldwell, Barwick, Georgia."

$5.00 DAILY, making scented Orchids. Easy. Free sample. Boycan Industries, Sharon 71, Penna.

UNPAINTED WALL PLAQUE. Bookends, Ash Trays, Circular. Foster, Route 6, Box 274, Nashville, Tennessee.

OF INTEREST TO ALL

FREE VITAMIN CATALOGUE—Quality capsules for better, healthier living. Feel younger—more vigorous. Buy direct—save! Vitamin-Center, Drawer 23168, Detroit 31.

DON'T PLAY BINGO BLINDLY. Select Percentage and Favorable Numbers. Send $1.00, refunded if not amazed. Ben Raw, 19 Irvington Pl., Trenton 10, New Jersey.

MISCELLANEOUS

WANTED! Folks now using Vitamins. Mail us your formula (label, carton). We will send you Free Samples and Catalogue. Savings of 40%. Vitamin Specialties, Box 4435, Philadelphia, Pennsylvania.

COLOR MOVIES, featuring gay Hollywood entertainment. Sample loop, 8 or 16mm, $1.00. Catalog free in sealed envelope. Colorama, 7168-C Melrose, Hollywood, California.

Pumps Water From Well, Stream, Pond to Tobacco Beds, Truck Patches, Etc.

Type P Pump irrigates, drains, circulates, sprays. Up to 3,000 GPH; 450 GPH 80' high; or 1,800 GPH from 25' well. Use 1/6 to ¾ BP motor. Coupling included free. 1" inlet; ¾" outlet. Won't rust or clog! **$7.95**

Heavy Duty Ball-Bearing Pump. Up to 7,500 GPH. 1¼" inlet, 1" outlet **$12.95**

Postpaid if cash with order. Also other sizes, styles. MONEY BACK GUARANTEE.

LABAWCO PUMPS, Belle Mead 53, N. J.

PAINT: SNOW WHITE titanium, lead and oil. Guaranteed not to peel. $4.95 value, factory price—$2.33 gal. Free Sample. Snow White Co. FR, Toledo, Ohio.

STOP ITCHING!
use **Funguentol**

Get amazingly fast relief from itching skin infections! Funguentol fights athlete's foot, eczema, itching humors, ringworm, pimples, bumps, etc. Satisfaction guaranteed or money back! Get at your drug store or $1.00 Postpaid. Send name and address to PRINCE DRUG CO., Winchester, Tenn.

TYPEWRITERS, Adders, Printing, Duplicating Machines, $25.00 Up. DixieGraph, King, North Carolina.

AGENTS—SALESMEN WANTED

BE POPULAR AND MAKE BIG MONEY TOO. Your friends, neighbors, co-workers and others will be delighted when you show them America's most discussed greeting cards and the profits are tremendous. You just can't miss selling our wonderful all-occasion selection. Write for sample kit on approval. Regal Greetings, Dept. 13, Ferndale, Michigan.

GREETING CARDS for Individuals or Organizations to sell. No experience needed. They sell themselves. Striking new designs and styles. 21 for $1.00 and up. Also, Wedding Announcements, personalized stationery, children's items, jewelry, clever gadgets. Big Profits. Over 400 different items. Assortments sent on approval. Write Style-Craft Greeting Card Co., Dept. H, 3213 Troost, Kansas City, Missouri.

YOUR OWN SPARE TIME BUSINESS. Make $50—$75—$100 extra money. Start Greeting Card shop at home. Show friends lovely All Occasion assortments. Profits to 100% plus bonus. Sensational offer. Write for Feature boxes on approval. Free Samples Personal Stationery. New England Art Publishers, North Abington 333-A, Massachusetts.

START YOUR OWN BUSINESS ON CREDIT. Your own boat. 1,598 Dealers sold $5,000 to $32,000 in 1953. We supply stocks, equipment on credit. 200 home necessities. Sales experience unnecessary. Pleasant, profitable business backed by world-wide industry. Write Rawleigh's, Dept. C-U-FXZ, Memphis, Tennessee.

MEN, WOMEN, MAKE MONEY Spare Time plus New Car as Bonus for Encouragement. Amazing hosiery Guaranteed to wear without holes, snags, and runs, or replaced Free. For example, lovely 60 gauge nylons Guaranteed for as long as 1¼ years, or replaced Free. Write Wilknit, 2673 Washington, Greenfield, Ohio.

INCREASE PRESENT INCOME $75-up weekly. Dealers, farmers, agents—demonstrate nationally known Gro-Green Liquid Fertilizer Nutrients. Results Guaranteed. Full—part time. Samples Free. Campbell Co., Rochelle 204, Illinois.

$1,000.00 A MONTH for making dramatic 3-second demonstration of amazing lightweight Presto Fire Extinguisher. New chemical used by Airforce snuffs out fires instantly. Only $4.95. Terrific commissions. Millions want it. Free Kit. Merlite, 114 E. 32nd, Dept. P72T, New York 16.

GET NEW SHIRT OUTFIT FREE: Make $90.00 weekly on 5 average orders a day. Famous quality Made-to-Measure dress and sport shirts at $3.95 up sell fast to all men. No experience needed. Full or part time. Write: Packard Shirt Co., Dept. 428, Terre Haute, Indiana.

LET ME SEND YOU FOR FREE TRIAL a big box of food and household products to test in your home. Tell your friends, make money. Rush name. Blair, Dept. 29B4, Lynchburg, Virginia.

MONEY-MAKING OPPORTUNITY! Take big profit orders for world famous Patented Varieties Fruit Trees. Also Flowering Shrubs, Roses, Vines. Big Sales outfit Free. Stark Bro's, Desk 30237, Louisiana, Missouri.

TRADE SPARE TIME for extra cash. I'll send you full-size Blair home products for free trial. Show them to friends, neighbors, make Big Extra Profits. Write Blair, Dept. 29B1, Lynchburg, Virginia.

WHOLESALE CATALOGS! 30-80% Discounts! Appliances, Musical Instruments, Typewriters, Tools, Watches, Jewelry, Cameras, Housewares, etc. Consolidated Distributors, 1300 Main, Clifton 6, New Jersey.

MONUMENTS, GENUINE MARBLE AND GRANITE. Agents wanted for local communities. No experience necessary. Guarantee Monument Co., 479-F Marietta St., Atlanta 13, Georgia.

CLEANS WINDOWS without mess. Strange "dry" cleaning-cloth. Replaces liquids. Windows gleam. Samples sent on trial. Kristee, 64, Akron, Ohio.

GOOD JOBS—TOP PAY. Classified ads from Los Angeles papers $1. Jones, Box 268, Montebello, Calif.

WAXES FLOORS without "wax." New invention. No more floor wax to buy. Sensational seller. Samples sent on trial. Kristee, 63, Akron, Ohio.

Local Representatives Wanted

Men or Women—for dignified sales work. Can be assigned entire county to start, additional territory if desired. Excellent earnings—full or part time. No experience necessary, car helpful. Wonderful opportunity for ex-teachers or others with selling ability. For complete information write Circulation Department, **Farm and Ranch Publishing Co., P. O. Box 1230, Nashville, Tenn.**

EMPLOYMENT OPPORTUNITIES—MALE

HIGH PAYING JOBS: Foreign, USA. All trades. Travel paid. Information. Application forms. Write Dept. 24Z, National, 1020 Broad, Newark, New Jersey.

EARTHWORMS

BIG MONEY RAISING CRICKETS, Hybrid Red Wigglers, and 12 Inch African fishworms. We teach you how to raise and where to sell. Free information and low price list on quality fishworms and crickets. Carter Worm Farm, Plains, Georgia.

FREE PLAN: "How to Make $3,000 Yearly, Sparetime, Raising Earthworms!" Oakhaven-20, Cedar Hill, Texas.

FERTILIZER

SAWDUST MAKES GOOD FERTILIZER

You can apply 15 tons of sawdust per acre to build rich top-soil rapidly, and greatly increase nitrogen level, if you use the ActivO process. Cheaper, more permanent, and better soil condition than with chemical fertilizer. No compost-heap making. Apply now; anytime. Rush $5.95 for postpaid ⅛ acre trial ActivO and free bulletin, "How to Turn Waste into Gold."

THE ACTIVO PROCESS, Bridgeton 28, Ind.

FEMALE HELP WANTED

$25 A DAY EASY WITH 600% PROFIT! Friends and neighbors will thank you for demonstrating new beauty tips and most glamorous ways to use famous Studio Girl Hollywood Cosmetics. Information I send you quickly qualifies you as a Beauty Advisor so you can make up to $25 or more a day to start—or $5.00 an hour for spare time. If you write me today I will include actual samples for which you pay nothing—now or ever. Send name—letter or postcard—to me personally. Harry Taylor, President, Studio Girl Cosmetics, Dept. 673-K, Glendale, Calif.

$2.00 HOURLY POSSIBLE doing light assembly work at home. Experience unnecessary. Crown Industries, 8507-F West Third, Los Angeles 48, California.

HOMEWORK on hand-made moccasins and bags. Easy, Profitable. California Handicrafts, Los Angeles 46, California.

$18.00 WEEKLY, Handpainting novelty Plates. No selling. Flocraft, Farrell 44, Pennsylvania.

SALESWOMEN WANTED

EVERYDAY CARDS! Make Big Money! Sell 21 "Tall" greeting cards, $1.00, 400 other fast selling gifts, greetings, personalized specialties. Samples on approval. Write Arrow, Dept. BB, 513 4th Ave., So., Minneapolis, Minn.

PATENTS AND INVENTIONS

INVENTORS: Learn how to protect your invention. "Patent Guide" containing detailed information concerning patent protection and procedure together with "Record of Invention" form will be promptly forwarded to you upon request—without obligation. We are registered to practice before the U.S. Patent Office and prepared to serve you in the handling of your patent matters. Clarence A. O'Brien & Harvey Jacobson, Registered Patent Attorneys, 728-A District National Building, Washington, D. C.

INVENTORS—If you believe you have an invention, you should find out how to protect it. Send for copy of our Patent Booklet "How to Protect Your Invention" and "Invention Record" form. No obligation. McMORROW, BERMAN & DAVIDSON, Registered Patent Attorneys, 156-G Victor Building, Washington 1, D. C.

INVENTORS—Send for free Patent Information book and Inventor's Record. Registered Patent Attorney. Associate Examiner, Patent Office 1922-29; Patent Attorney & Advisor, Navy Department 1939-47. Gustave Miller, 37-FR Warner Building, Washington 4, D. C.

INVENTORS write for Patent particulars to Patrick D. Beavers, 808 Columbian Bldg., Washington 1, D. C.

EDUCATIONAL — SCHOOLS

MECHANICALLY INCLINED MEN needed for Careers in Jet Industry as Jet Mechanics, Overhaul, Maintenance, Service, with Opportunities for Bigger Pay, Better Jobs, Security. For information on first all-Jet Home Training: United Jet Schools, Dept. FR, International Airport, San Francisco.

MAKE UP TO $80-$60 WEEK as a Practical Nurse Nursing Aide or Infant Nurse. Learn quickly at home. Spare time. Booklet free. Chicago School of Nursing. Dept. F-2, Chicago.

COMPLETE YOUR HIGH SCHOOL at home in spare time with 60-year-old school. Texts furnished. No classes. Diploma. Information booklet free. American School, Dept. X332, Drexel at 58th, Chicago 37, Illinois.

HIGH SCHOOL DIPLOMA AT HOME. Licensed teachers. Approved materials. Southern States Academy, Box 144-RK, Station E, Atlanta, Georgia.

FINISH HIGH SCHOOL at home, spare time. No classes. Diploma awarded. Write for Free catalog. Wayne School, Catalog HDD-41, 2527 Sheffield, Chicago, 14.

WANTED! Men, women train for Real Estate appraisers. $300 month up. Scavy, 429 So. Western, Los Angeles 5, California.

AUCTION SCHOOLS

LEARN AUCTIONEERING. Term soon. Write for catalog. Missouri Auction School, Box 8423A6, Dept. 14, Kansas City, Missouri.

AUCTION SCHOOL, Ft. Smith, Ark. Term soon. Veteran approved. Free catalog. Home Study Course.

LEARN AUCTIONEERING. Terms soon. Free catalog. Reisch Auction School, Mason City, Iowa.

TRADE SCHOOLS

WANT A DIESEL JOB? Men needed now to overhaul and service farm tractors and Diesel equipment. Big Opportunities. High pay. We can help you Qualify. Shop method home training. Tools furnished. Write for free information today. Interstate Training Service, Dept. B-33, Portland 13, Oregon.

EARN WHILE YOU LEARN AUTO and DIESEL MECHANICS. Master this top paying trade. Many graduates earn $100 a week and up. Approved for Korean Veterans. For free information write Dept. No. 242, NASHVILLE AUTO DIESEL COLLEGE, Nashville 3, Tennessee.

BOOKS

GIGANTIC SALE, USED BOOKS. Free List. Write Books, Box 63, Lexington, Kentucky.

BOOK BARGAINS! Send for List. Bookshop, 6494 Aylesworth, Cleveland 30, Ohio.

SCOPES AND SITES

SCOPES 1957. Latest models. Brand new factory sealed boxes. Bear Cub 2½x—$33.95. Weaver 60 Series—K.2.5 & K.3—$25.95; K4—$29.95. K6—$32.50; K-V—$40.95; K8 & K10—$40.95. Lyman All-American 2½x—$33.25; 4x—$36.50; 6x—$44.50. Weaver top mounts—$7.75. Complete line of sporting goods in stock. Write for lowest prices. Parker Distributors, Dept. 1803, P. O. Box 55, Williamsbridge Station, New York 67, New York.

SPECIAL SERVICES

12-MONTH FORECAST READING — Covering Finances, Health, Vocations, Love and 6 Questions answered, $1.00. Give birthdate. Hoffman's, 147 North Craig, Apt. 55-F, Pittsburgh 13, Pennsylvania.

MANUSCRIPTS PROFESSIONALLY EDITED, Typed. Long experience. Particulars free. Writer's Aid, Box 93, Ethridge, Tennessee.

Yours Without Cost!

$12.95 Retail

PRESTO Pressure Cooker

Just sell $10 in FARM AND RANCH subscriptions to your friends and this PRESTO cooker is yours without further cost . . . and remember, renewal subscriptions count too!

Your own personal subscription or that of anyone in your household, new or renewed, cannot be accepted on this offer.

When you've sold $10 in subscriptions, send the money along with names, addresses and the amount each person paid to Dept. MAR Farm and Ranch Publ. Co., P. O. Box 1230, Nashville 3, Tennessee.

These Subscription Rates Make It Easy

5 years	$2.00
2 years	1.00

OLD COINS WANTED

$4000.00 FOR 1913 Liberty Head Nickel. Uncirculated Dollars 1804 to 1839, 1893-S, 1895-P, 1903-O pay $100.00—$5,000.00. Certain dates—Small Cents before 1915,—$125.00; Dimes before 1917,—$2,000.00; Quarters before 1924,—$1,000.00; Half Dollars before 1905, —$1,000.00! 2c pieces,—$70.00; 3c pieces,—$90.00; Half-dimes,—$500.00. Hundreds of others worth $10.00—$1,000.00. Canadian Coins,—1921—5c; Silver, $50.00. 1889 Dimes,—$25.00. 1875 Quarters,—$50.00. 1921—50c—$200.00. Wanted—2½c Pieces, Gold Coins, Paper Money, etc. Our Large Illustrated Guarantee Buying—Selling Catalogue, Giving Complete Allcoin Information—Send $1.00. Purchase Catalogue before sending coins. Worthycoin Corporation, Leaders Numismatic Quotations K-236-C, Boston 8, Massachusetts.

OLD MONEY WANTED. Will pay $100.00 for 1894 Dime, S. Mint. $50.00 for 1913 Liberty Head Nickel (not Buffalo). Big premiums paid for all rare coins. Send 4c for Large Coin Folder. May mean much profit to you. B. Max Mehl, 218 Mehl Bldg., Fort Worth, Texas.

WE BUY ALL RARE American coins. Complete catalogue 25c. Fairview, Box 1116-EW, New York City 8.

WE PURCHASE INDIANHEAD PENNIES. Complete allcoin catalogue 25c. Magnacoins, Box 61-HK, Whitestone 57, New York.

COINS WANTED LIST 25c. Refundable. Powell, 8503 Friendship Road, Houston 24, Texas.

SPARE TIME WORK

MAKE MONEY SPARE TIME or full time. I'll send you valuable kit of full-size famous Blair home products for Free Trial. Show friends, neighbors, take easy orders. Make Big Profits. Write Blair, Dept. 29B2, Lynchburg, Va.

FREE PLAN: "How to Make $3,000 Yearly, Sparetime, Raising Earthworms!" Oakhaven-20, Cedar Hill, Texas.

STAMPS

CANADA-NEWFOUNDLAND collection including early issues, commemoratives, pictorials and high values. Plus set of fascinating triangle stamps. Plus set of unused British Colonies. Plus large stamp book. All four offers free. Send 10c to cover postage. Empire Stamp Corp., Dept. FR, Toronto, Canada.

OLD STAMPS WANTED. I will pay $100.00 each for 1924 1c green Franklin stamps, rotary perforated eleven (up to $1,000.00 each unused). Send 10c for large illustrated folders showing amazing prices paid for old stamps and coins. Baker-Stamps, FR-73, Elyria, Ohio.

FIRST U.N. SET. Among world's prettiest. Only 10c. Approvals. Wolfes, Box 1246-FR, N. Y. C., 8.

WANTED TO BUY

HIGHEST CASH FOR OLD GOLD, Broken Jewelry, Gold Teeth, Watches, Diamonds, Silverware, Spectacles. Free information. Rose Refiners, Heyworth Bldg., Chicago 2.

WATCH REPAIRS

WATCHES REPAIRED, BOUGHT, SOLD. Mills Service, 506 So. Main, College Park, Georgia.

WATER LOCATORS

LOCATE UNDERGROUND WATER FORMATIONS. Guaranteed locating instrument $4 postpaid. Larry Lee, Mountain View FR-5, Oklahoma.

MUSIC—MUSICAL INSTRUMENTS

ACCORDIONS—Direct from importer—save 50% and more! Free trial. Lifetime guarantee. Trades accepted. Free Catalog. Write Accordion Manufacturers Outlet. Dept. 37-FR, 2003 Chicago, Chicago 22, Illinois.

SONGWRITERS: Recording company wants new songs. Royalty basis. National sales, promotion if selected. No charge for melodies. Send material. Music Makers, Dept. FR-29, Box 2507, Hollywood, California.

POEMS WANTED FOR NEW SONGS. Send Poems. Free Examination. Immediate Consideration. Songcrafters, 2724 Arcade Station, Nashville, Tennessee.

POEMS WANTED for New Songs. Send Poems. Immediate consideration. Crown Music Company, 49-F West 32 Street, New York City 1.

ACCORDIONS WHOLESALE: 10 day Trial Free. Catalog. American Accordion Center, 5329 Belmont, Chicago, Illinois.

VIOLIN MAKERS SUPPLIES. Free catalog. Premier Music, 309 W. Fourth St., Los Angeles 13, California.

SONGPOEMS AND LYRICS WANTED. Mail to: Tin Pan Alley, Inc., 1650 Broadway, New York 19, New York.

SONG POEMS WANTED. Five Star Music Masters, 627 Beacon Building, Boston, Mass.

KILL RATS WITH K-R-O

Why let rats spread disease and destruction on your property? K-R-O with Red Squill is easy to use . . . gets rid of rats quickly. When used as directed, K-R-O is deadly to all rats, yet safe around children, pets, livestock and poultry. Available in Bis-Kit or Powder form at seed, feed and drug stores everywhere.

THE K-R-O COMPANY
Springfield, Ohio
"Pied-Pipers to the Nation"

HELP KIDNEYS FIGHT BACKACHE

There is nothing that can make you feel older and more depressed than losing sleep and worrying about "Bladder Weakness" (Getting Up Nights or Bed Wetting, too frequent, burning and itching urination) or Strong, Cloudy Urine, due to common Kidney or Bladder Irritations, which sometimes result in Backache, miserable referred, secondary aches, pains, headache and nervousness. In such cases New Improved CYSTEX usually gives quick, wonderful, soothing relief by combating germs in acid urine, and by analgesic pain relief. Over a billion CYSTEX tablets used prove safety for young and old. Get CYSTEX from druggist today under money-back guarantee. See how fast you improve.

FREE Booklet on Publishing Your Book

If you are the talented author of an unpublished manuscript, let us help gain the recognition you deserve. We will publish your BOOK—we will edit, design, print, promote, advertise and sell it! Good royalties.

WRITE FOR FREE COPY OF *HOW TO PUBLISH YOUR BOOK*

COMET PRESS BOOKS, Dept. FR3, 200 Varick St., N. Y. 14

Lovely CLUSTER RING!

A replica of an expensive **Marquise Cluster** that wins instant admiration. Skillfully made in a **gold** filled guaranteed mounting with a sparkling **Ruby** color center set surrounded by 8 brilliants. Ring is **Yours** for selling 2 bottles famous **Rosebud** Perfume at 50¢ each. **Order** 2 bottles today. *Mailed on trust.* (Or we will mail ring with Perfume NOW if you send $1.00 with order.) Reliable Company since 1895.

ROSEBUD PERFUME CO. Box 93 WOODSBORO, MARYLAND

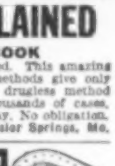
ARTHRITIS—RHEUMATISM VITAL FACTS EXPLAINED

FREE DESCRIPTIVE BOOK

How crippling deformities may be avoided. This amazing FREE BOOK explains why ordinary methods give only temporary relief—if that. Describes a drugless method of treatment successfully applied in thousands of cases. Write for this 36-page FREE BOOK today. No obligation.

BALL CLINIC, DEPT. 518 Excelsior Springs, Mo.

HOT WATER QUICK!



New Portable Pocket-Size Water Heater

Place in water; plug in socket . . . turn on switch! Hot Water! Thousands use for bathing, washing clothes, dishes, cream separators, pails, shaving, etc. Heats small quantities very quick! Heating speed of large quantities depends on quantity. Read directions before using, follow. Regular price $2.95. However if you'll tell your friends about BOIL-QWIK to advertise it for us, we will let you now have one for only $1.98 plus tax.

SEND NO MONEY Just name and address. Pay postman $1.98 plus Federal Tax, C.O.D. postal charges. Satisfaction a guaranteed or return within 10 days for refund.

AGENTS DISTRIBUTORS Write. REGULAR PRICE $2.95— LIMITED TIME only $1.98

BOIL-QWIK, 4854 Broadway, Dept. H-39, Chicago 40, Ill.

Anything on this or any other page may be reprinted with permission from and credit to FARM AND RANCH

Straight Talk

by Dave Anderson

WHO is a farmer? Before we decide exactly what government should do for farmers we need to decide who is a farmer. Twenty-two million Americans live on farms. Several million more are city farmers of various kinds: Absentee landlords, tax deduction farmers, hobby farmers, nature lovers, and producers of back-yard parity patches. Who is a farmer? Are the 30 per cent of people living on part-time or residential farms "farmers," even though their main source of income is not farming? Are town people who have cotton or tobacco allotments in their backyards farmers? Should the farm program be for anybody who calls himself a farmer? For anybody who grows a price-supported crop?

There are about 4,800,000 American farms (8,300,000 fewer farmers than in 1940). About 2,200,000 of these farms are commercial farms, mostly family operations. These farms account for around 88 percent of our total agricultural production. You've heard that farmers now comprise only 13 percent of the U. S. population. Actually, the total is not nearly that high. Because that 13 percent includes 878,136 residential farms whose occupants like to "live in the country" but who don't really farm for a living. They sell less than $250 of farm products a year. They get most of their income from other work. Price supports don't affect them much because they have little to sell. So there are really less than three million honest-to-goodness full-time, producing farmers. That's about eight percent of the population. And that eight percent produces most of the food and fiber sold in this country and abroad.

About ten percent of the "farms" are under ten acres and about six percent are over 500 acres. Should the farm program include them too? The one is not really a farm and the other ought not to need permanent government help.

How Do We Start to De-control?

How do we get back to a free, de-controlled, supply-and-demand agriculture without hurting too many people? It can't be done suddenly. But we should make a beginning, now. Some ideas were expressed on this page in December '55, January '56 and February '56 aimed in that direction. The suggestions received wide and enthusiastic support from subscribers. But there were several quite radical features which scared some people. And politics being what it is, I'll freely admit that some of the ideas were scarcely feasible politically.

In brief, I suggested de-subsidizing top and bottom fringes: corporate farms, tax-deduction, hobby, and play-farmers, and inefficient, subsistence farmers by:

1. Making ineligible for any Federal Government subsidies or services every farmer whose non-farm income (based on three years' income tax reports) exceeded, say $5,000.

2. Making farm losses non-deductible from non-farm income, so every farming operation would have to stand on its own legs taxwise.

3. A stepped-up subsidy program for the lower-fringe subsistence farmer to subsidize him, not to stay in farming when he hasn't a chance to live decently, but to get a good job in town.

I felt then and feel now that the farm program and all Federal Government services should be restricted to the "family farm," the farm in which the farm family has management control of the operation, whose main business is farming, who is dependent on it for their livelihood, and who actually engage in farm work.

If we could make ineligible for any part of the farm program the clerk who has a .6 acre tobacco allotment in his backyard, the tycoon whose lands are a tax-and-inflation dodge, city garden clubs, and hobbyists, it'd be far easier to return to a free, supply-and-demand agriculture. (And to balance the budget). If the subsistence farmers got a job in town they'd live better and would be an asset to the nation instead of a drain on the taxpayer. Of course, such a procedure would be "class legislation" (which we already have too much of) and might be dangerous to do on even a temporary basis though the ultimate aim would be a free, classless agriculture.

The Future Is Bright—For the Efficient

It is a sad and brutal fact that more farmers are going to have to quit farming. What better time to quit than in the period of our greatest prosperity? Once we have a depression or even a good recession, new jobs in town will get scarce.

And a good way to have a depression is for the government to keep spending astronomical sums to pay people to stay in farming when everybody concerned would be better off if they moved to other fields. We must find a way to quit supporting unneeded production. Everyone who wants to stay on a farm has every right in a free country to stay. But it's silly to pay him permanently to stay permanently.

What to do for the small "inefficient" farmer? Those who have neither the land, know-how or desire *ought* to move into industry. Or to put it another way, if they insist on staying on the farm they should not stay on a permanent dole. Mightn't it make more sense to subsidize inefficient farmers and those on unproductive land to leave the farm so the ones who're left could make a better living in a free market? It would be better for everybody concerned for the government to pay the cost of moving a family off the farm than to pay it to stay there. If the ones who haven't got a chance to make a decent income are helped to get jobs in industry and quit farming, the better farmers who need only more land to succeed can be helped to get the necessary credit to acquire adequate land and equipment.

There will continue to be less and less room for bottom-fringe farmers, farmers with poor land, farmers with little know-how and little desire.

But there is a future in farming—particularly in the New South—for farm families who have the land, equipment, and the know-how; who *want* to farm and live better; and who are in farming as a *business* not merely a way of life.

The farm truck that's built to move costs you least to own!

The first thing you'll notice when you get behind the wheel of an INTERNATIONAL Truck is the way it moves out in traffic—in passing—on hills.

You'll be delighted, too, with the easy handling and the quiet, relaxing comfort.

And when you own it, you'll soon find out an INTERNATIONAL keeps rolling, keeps moving your loads long after other trucks are down for repairs. That's why, over the years, INTERNATIONAL Trucks cost *least* to own!

That's a fact, backed up by signed statements of professional fleet truck operators all over the country. Their cost records *prove* it for them—and for you!

The time is right for cutting your hauling expenses—and so is the truck. It just takes a trip to your INTERNATIONAL Truck Dealer's. Why not do it today?

INTERNATIONAL HARVESTER COMPANY • CHICAGO

INTERNATIONAL®
TRUCKS

Motor Trucks • Crawler Tractors • Construction Equipment
McCormick® Farm Equipment and Farmall® Tractors

Have a real cigarette— have a CAMEL!

"I want a real cigarette—one I can taste. That's why I'm a Camel smoker, and have been ever since college."

Murray Golub

Civil Engineer on Conn. Turnpike

Discover the difference between "just smoking"...and Camels!

Taste the difference! Camels are rich, full-flavored, and deeply satisfying — pack after pack. You can count on Camels—they never let you down.

Feel the difference! The exclusive Camel blend of quality tobaccos has never been equalled for smooth, agreeable smoking. Camels are easy to get along with.

Enjoy the difference! Try today's top cigarette. See why more people smoke Camels, year after year, than any other brand. They've really got it!

R. J. Reynolds Tobacco Co., Winston-Salem, N. C.